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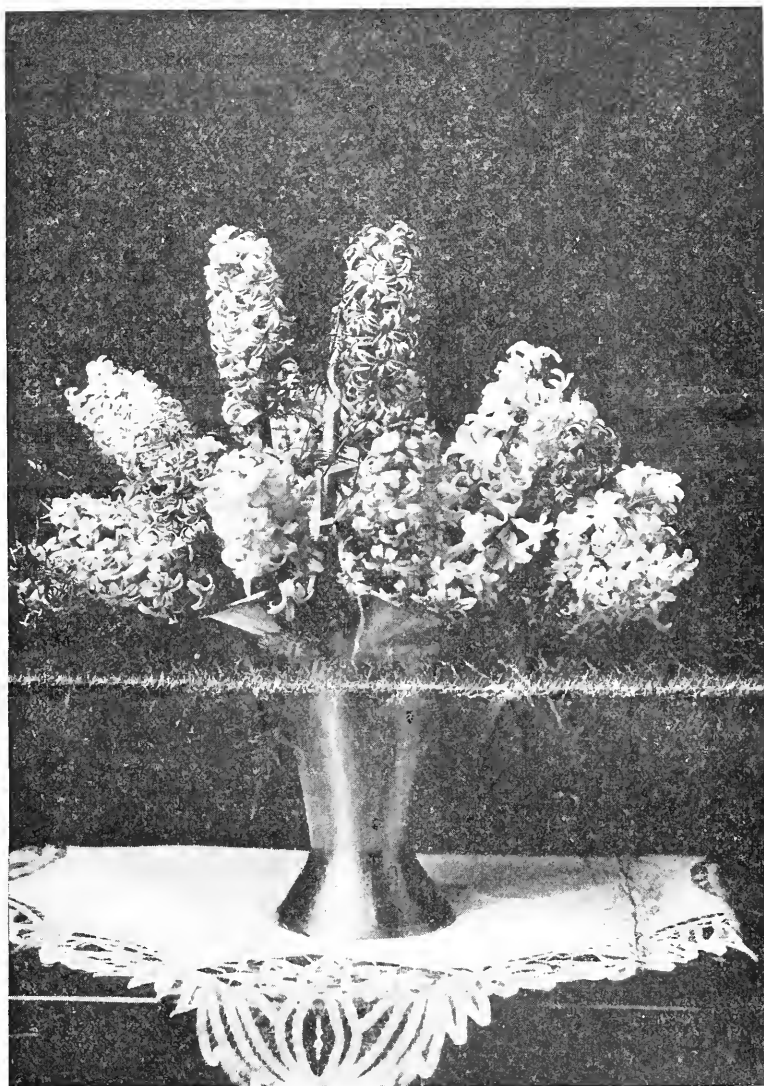
State Nursery and Seed Co.

Helena,
Montana

U. S. Department of Agriculture

Fall Catalogue

September 1923



GENERAL INFORMATION—ON DUTCH BULBS AND PLANTS

Flowering Bulbs, such as Tulips, Narcissus, Jonquils, Crocus, Hyacinths, Peonies and Iris, are planted outdoors in the Fall for Spring Flowering.

Many of our most beautiful flowers are produced from bulbs and they may be grown indoors in the winter months, when flowers are most appreciated. By successive plantings a constant supply of flowers may be had from December until May. The culture directions found under the respective headings are worthy of careful attention.

Plants—Small plants can be sent by mail if desired, but we strongly advise our customers to have their plants sent by express at their expense.

We Deliver Bulbs. Charges paid to any postoffice or express office in the United States at prices quoted. This applies to bulbs only—**Not Plants or Seeds**—except as specified.

How to Send Money. Money can be sent safely either by P. O. Order, check, bank draft, express order or registered letter. If your order amounts to \$1.00 or more, it is best to send by one of the above methods. **We receive postage Stamps the same as Cash.**

We Guarantee all bulbs ordered of us shall reach the purchaser safely and in good condition. If the package is lost or any of its contents injured on the way we will refill order.

We cannot promise to fill orders for Dutch Bulbs later than December 15 and urgently request our customers and friends to see that their orders reach us before that date.

Substitution. It sometimes occurs that stock of some varieties of Hyacinths or other bulbs becomes exhausted before the close of the season, in which case we shall take the liberty of substituting others of the same color and price; being equally as good, if not superior, to the ones ordered. Should any of our customers object to this course they will please state so in their orders.

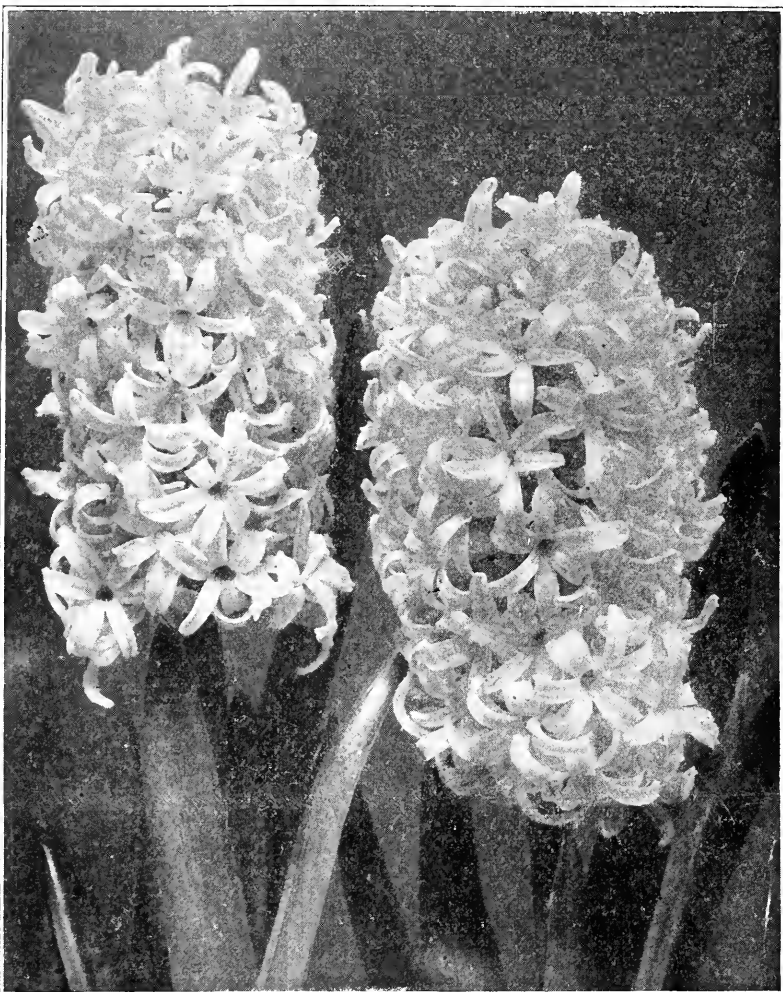
In almost all cases throughout the plant section of this list, we have many more varieties than those listed, so if you do not see what you want, please write us. We ask that our customers keep copies of all orders sent.

Address all orders and remittances to

STATE NURSERY AND SEED CO., HELENA, MONT.

Depth at which Bulbs Should Be Planted

Crocus	3 inches deep and 2 inches apart.
Tulips	4 inches deep and 4 inches apart.
Narcissus, Jonquils	6 inches deep and 5 inches apart.
Hyacinths	7 inches deep and 6 inches apart.

**Single Hyacinths.**

The Hyacinth is one of the most popular and beautiful spring-flowering plants for indoor or outdoor cultivation. By careful management in keeping up a succession, they may be had in flower from the beginning of winter to the end. Brilliant effects can be obtained by massing in beds different colors in varieties that grow about the same height and bloom at the same time.

CULTURE IN POTS.

For growing in pots, large, selected, named varieties should be used. They should be potted singly in 4-inch or 5-inch pots. Three bulbs in a 6-inch pot are very effective. The best potting compost is fibry loam and manure, about equal parts, with some sand intermixed. The pots should be filled lightly, and the bulb pressed into the soil so that its base is firmly fixed. About one-third of the bulb should remain above the soil. The pots should be buried in the open ground to the depth of 6 inches or in a cool basement, and left there for five or six weeks, until they are well filled with roots. They may then be taken into the house, where the warmth will soon bring them into flower. Plant Food fed to the plant after becoming well rooted will increase the size of the blooms, but should be discontinued immediately the spikes begin to show their color.

Temperature.

It is impractical to maintain the proper temperature in the dwelling for the different varieties of plants but most plants will, if carefully watered, live in a room where the thermometer at night does not go below 42 degrees, though six to eight degrees warmer would be better.

How to Water Bulbs or Plants.

A safe rule is to take a little of the soil between the fingers, and should the soil retain the shape to which the fingers have pressed it, you are then certain the plant has enough moisture. There are many other ways of knowing when to water, but the foregoing is the safest.

Special Collection of Bulbs

OUR SELECTION OF VARIETIES.**COLLECTION NO. 1.**

For round bed of Single Late or May Flowering Tulips—120 bulbs in five varieties, our selection. This number is sufficient for a bed 5 ft. in diameter. Price \$4.50. One-half the collection for \$2.75; delivered free.

COLLECTION NO. 2.

For round bed of Double Early Tulips—120 bulbs four named colors, our selection. This number is sufficient for a bed 5 ft. in diameter. Price \$5.50. One-half the collection, \$3.00; delivered free.

COLLECTION NO. 3.

Contains 500 Darwin Tulips—the finest Late Flowering Tulips in cultivation. These Tulip Bulbs produce large, splendid flowers with long, stout stems in many different colorings, our selection. The collection for \$22.00 or one-half collection for \$12.00, delivered free.

MINATURE HYACINTH—COLLECTION NO. 4.

For round bed 3 feet in diameter—outside row 15 blue. Second row 10 white. Center 5 red, our selection. The 30 bulbs for \$1.50; delivered free.

ARTISTOCRATIC HYACINTH—COLLECTION NO. 5.

Consisting of the finest Dutch Hyacinths grown; for a round bed 4 feet in diameter—outside row 24 white, Second row 15 pink. Third row 9 rose. Center 5 deep rose, our selection. The 50 bulbs for \$7.50; one-half the collection for \$4.00, delivered free.

HYACINTH—COLLECTION NO. 6.

12 extra fine Named Hyacinths our selection, for House Culture for \$1.50; delivered free.

SECOND SIZE HYACINTH—COLLECTION NO. 7.

50 single Named Hyacinths, our selection, in 10 varieties for \$4.75, delivered free.

**OUR BOUNTIFUL BOX OF BULBS—POSTPAID \$3.00.
A PRESENT DE LUXE.**

Containing: 2 Hyacinths, 1st size; 2 Hyacinths, 2nd size; 12 Double Tulips; 12 Single Early Tulips; 6 Darwin Tulips; 1 Chinese Sacred Lily; 6 Narcissus Poeticus Ornatus; 12 Jonquils or Daffodils; 12 Crocus Mixed.

The above unequalled collection of bulbs—postpaid—**FOR \$3.00.**

On orders received late in the season we may be compelled to substitute on some of the above varieties but in all cases equal or better values will be sent.

SINGLE HYACINTHS

WHITE.

La Grandesse—A pure white with large spike and good form.
L'Innocence—The favorite early white, of splendid size and form.
Mad. Van der Hoop—A very fine late white.

PINK.

Queen of Pinks—A splendid pink with enormous spikes.
Lady Derby—Fine rose, early.
Gertrude—An early bright rosy pink, large compact truss.
Gen. de Wet—Bright pink, large bells and spike.
Jacques—Very fine pink, large spike.
Rosea Maxima—A wonderful fine rose color.

RED.

Roi des Belges—A very fine deep crimson scarlet.
General Pellissier—A beautiful rich crimson.

BLUE.

Grand Maitre—Deep porcelain blue, extra large truss.
Queen of the Blues—Bright blue—very fine.
Johan—Splendid light blue.

YELLOW.

City of Haarlem—The finest yellow single hyacinth known.
Buff Beauty—A charming buff yellow.

PRICE.

Any of the above sorts—**FIRST SIZE**—the largest produced in Holland—each, 20c; per doz., \$2.00; 50 for \$6.00; 100 for \$11.00.

Any of the above sorts—**SECOND SIZE**—fine flowering stock for either pot culture or bedding purposes, each 15c; 3 for 40c; per doz., \$1.25; per 100 \$8.50.

All Bulbs Prepaid by Mail or Express.

DOUBLE HYACINTHS

Bouquet Royale—An unrivaled bright pink of large size.

Garrick—Deep blue, extra large and of good form.

Chestnut Flower—Rose color, extra large and considered the best of its color.

La Grandesse—White, very fine.

Sunflower—Extra fine double yellow, large truss.

Any of the above named Double sorts, in 1st size only, each, 20c; per doz., \$2.00; 50 for \$6.00; 100 for \$11.00.

MINATURE OR DUTCH ROMAN HYACINTHS.

These are early and free bloomers, and should be planted closely together to obtain the best effects. They are greatly used both for pot and for porch box growing, and also for bedding in the open.

Gertrude—The best pink of its class.

Queen of the Pinks—A splendid clear pink.

Baron Von Thuyll—Bright blue—early.

L'Innocence—The very best white.

Mad. Van der Hoop—A very fine late white.

Each, 10c; 2 for 15c; per doz., 70c; per 100, \$5.20.

TULIPS

For beauty of form and brilliancy of coloring, Tulips are unequalled. For bedding they are the most popular and effective of all hardy bulbous plants. In our descriptions we give the color and average height to which they grow, so that purchasers can select suitable sorts for forming display beds in design.

Culture—The cultural directions given for Hyacinths on page four are applicable to Tulips except that the bulbs, being smaller, must not be planted quite so deep. Four inches to the bottom of the bulb is deep enough, and a distance of 4 to 5 inches between the bulbs is sufficient. They may be planted in October and November; before the ground freezes. For pot culture a compost of two parts loam to one part light manure with some sand intermixed, is suitable. From three to five bulbs according to size, in a 5-inch pot, are very effective. The pots should be buried until the bulbs are well rooted or put in basement in the manner recommended for Hyacinths. Most of the varieties named below are equally well adapted for pot culture or the open border.

TULIPS—SINGLE EARLY.

Six of a kind at doz. rate; 25 of a kind at 100 rate.

RED.

Artus —Deep red, very fine .....A	7 in.	\$.50	\$3.75
Couleur Cardinal —Velvety crimson, fine..A	7 in.	.80	5.85
Carmoise Brilliant —Deep crimson scarlet B	7 in.	.55	4.00
Kaiserkrone —Crimson edged with yellow, fine for forcing or bedding .....B	9 in.	.65	4.75
Vermillion Brilliant —Most brilliant vermillion tulip known .....A	8 in.	.90	6.50
Prince of Austria —Orange Red—of splendid form and fragrance .....B	9 in.	.65	4.75

YELLOW.

Chrysolora —Pure yellow, equally fine for forcing or bedding .....A	7 in.	.55	3.90
Gold Finch —Large pure yellow, good forcer and fragrant .....B	7 in.	.60	4.50
Cottage Boy —Yellow with a brownish shading, very effective .....A	8 in.	.55	4.00

ROSE.

Cottage Maid —A beautiful rose pink, flushed with white, one of the finest either for forcing or bedding .....B	7 in.	.65	4.75
Rose Luisante —Deep rose, a most popular sort .....B	7 in.	.90	6.50
Rose Gris-De-Lin —Delicate rose flushed with white, very fine .....B	6 in.	.55	4.00

WHITE.

White Swan —Pure white, a fine, egg-shaped flower .....B	8 in.	.70	5.00
L'Immaculæe —Pure white, a splendid forcer .....B	8 in.	.50	3.60

MIXED—OUR SELECTION.

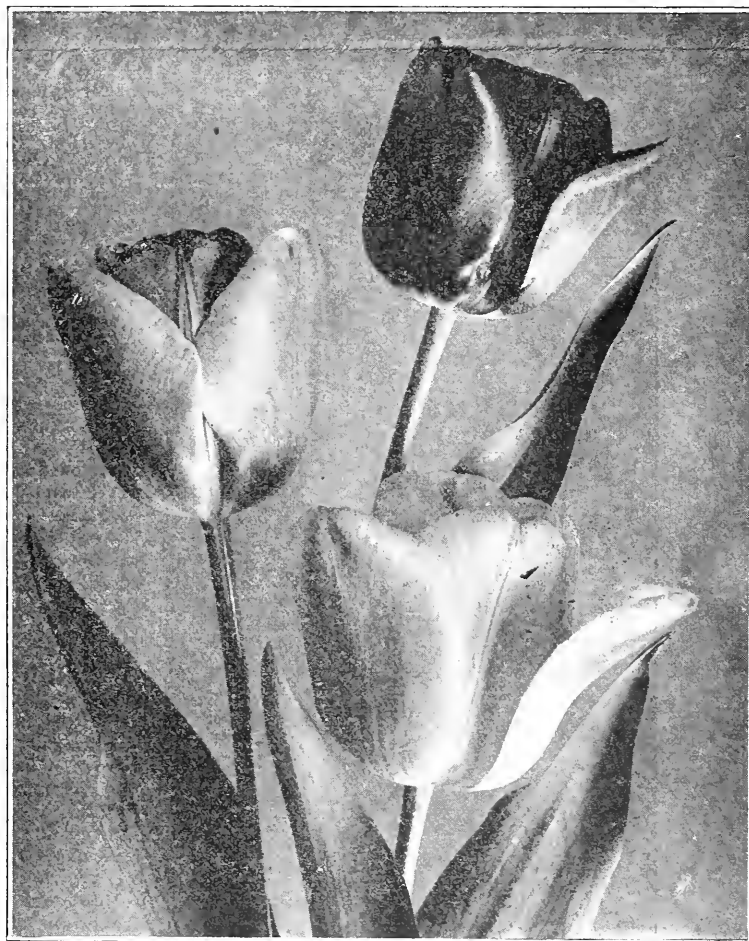
Per doz., 50c; per 100, \$3.00; per 1,000, \$26.00.

A, B, and C indicate season of flowering. A and B may be planted to flower about the same time in the open ground. C flowers a little later.

All Bulbs Prepaid by Mail or Express.



Tulips—Single, Early.



Tulips—Single, Late.

SINGLE LATE TULIPS

Six of a kind at dozen rate, 25 of a kind at 100 rate.

The Late, Single Tulips are very valuable for bedding, having longer stems and lasting longer in flower than the Early Varieties. They are also fine for Cut Flowers.

Bouton D'Or—Rich, buttery-orange yellow cup-shaped flowers; very pretty and useful as Cut Flowers....Doz. 50c; 100, \$3.75

Gesneriana Major—Dazzling scarlet; fine for beddingDoz. 60c; 100, \$4.50

Gesneriana Lutea—A splendid bedding yellow Doz. 50c; 100, \$3.70
Inglescomb Yellow—Bright yellow, very fine....Doz. 55c; 100, \$4.00

Isabella—(Blushing Bride, or Shannon Bells) Cream, turning carmine roseDoz. 60c; 100, \$4.50

Mixture of above colors, our selectionDoz. 50c; 100, \$3.75

DOUBLE EARLY TULIPS

Six of a Kind at Dozen Rate; 25 at 100 Rate.

*M **Mr. Van der Hoef**—Pure yellow, one of the best; strong stem, extra largeDoz. 90c; 100, \$6.50

*M **Imperator Rubrorum**—Very fine rich, glowing scarlet, fine for forcingDoz. 80c; 100, \$5.85

*D **La Candeur**—Pure white, very fine forDoz. 70c; 100, \$5.00
bedding

*D **Murillo**—Extra fine light pink. The best double pink for forcing or beddingDoz. 50c; 100 \$3.75

*D **Salvator Rose**—Deep rosy pink; one of the verybest doublesDoz. 75c; 100 \$5.25

*D **Tournesol Red and Yellow**—Bright red with yellow edges; sweet-scented, large flower; easily forced Doz. 75c; 100, \$5.50

*D **Vaurback**—Red, very fineDoz. 80c; 100, \$5.85
Mixture of above colors; our selectionDoz. 65c; 100, \$5.00

*Those marked D are dwarf; M. Medium Bright Varieties.

The Double Tulips come into bloom a little later than the single varieties. They are splendid for bedding, and the flowers last longer in bloom than the single ones.

DARWIN TULIPS

These grow very tall, with large flowers of fine form; being borne on very long stems, they are excellent for use as cut flowers. They are all single, self colored and of great brilliancy.

Albert Kellog—Rose color, a beautiful flower Doz. 60c; 100 \$4.50

La Nigre—(Negro)—BlackDoz. 60c; 100 \$4.50

Madame Krelage—Lilac Rose, very fineDoz. 75c; 100 \$5.25

Bartigon—A wonderful scarletDoz. 75c; 100 \$5.50

Caliope—Light rose, large and beautifulDoz. 55c; 100 \$4.00

Clara Butt—Salmon rose; a lovely shadeDoz. 50c; 100 \$3.75

Farncombe Sanders—Brilliant scarlet with a white center, giant floweringDoz. 75c; 100 \$5.25

Massachusetts—A vivid pinkDoz. 65c; 100 \$4.75

Glow—Brilliant vermillion, center blue, margined whiteDoz. 75c; 100 \$5.25

Gretchen—(Margaret)—Blush White, globular in formDoz. 50c; 100 \$3.75

Mark Twain—Dark apple blossom, one of the bestDoz. 65c; 100 \$4.75

Inglescomb Yellow—Bright yellow, not a Darwin but suitable for planting with them....Doz. 55c; 100 \$4.00

La Candeur—(White Queen)—Large soft white, tinged with blushDoz. 75c; 100 \$5.25

Wm. Copeland—Lavender blueDoz. 70c 100 \$5.00

Princess Elizabeth—Vivid rosy pinkDoz. 1.00 100 \$6.75

Prof. Rauwenhoff—Cherry rose, with ivory-white and blue star at base. Enormous flowersDoz. 75c; 100 \$5.25

Our Mixture of selected bulbs suitable for beddingDoz. 45c; 100 \$3.50

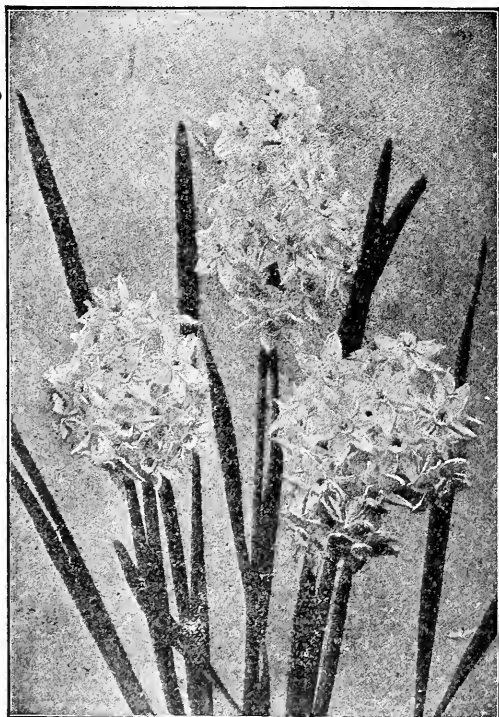
Six of a Kind at Dozen Date; 25 at 100 Rate.

All Bulbs Prepaid by Mail or Express.

NARCISSUS

Narcissus are among the most popular and largely grown of spring flowering bulbs, and deservedly, too. Their exquisite grace, beauty and charming habit have been immortalized in the poetry of all times. No Garden should be without them.

They are all of the easiest cultivation thriving in almost any soil and situation. The types popularly known as Daffodils, should be extensively planted for naturalization. Nothing can compete with the beauty of these flowers, coming as they do, almost before the snow has left the ground, hardy in the most rigorous climates, when planted in clumps among shrubbery or in pleasure groves, they prove a welcome harbinger of approaching spring, and make beauty spots of the most desolate surroundings. For growth in pots, they require about the same treatment as Hyacinths, three or four bulbs in a 5-inch pot, and they are valuable for this purpose. With the exception of the Chinese Lily and Paper White, they are all perfectly hardy.



Narcissus, Paper White Grandiflora.

Narcissus---Paper White

No other bulbs we know of will produce such an abundance of white sweet-scented flowers with so little trouble. A dozen bulbs, set in a bowl of **Prepared Fibre** (see page 6) or water and held in place by pebbles will make a charming pot of flowers for house or church decoration, and can be had in bloom at any time desired. Doz. \$1.00; 100 \$4.80. Large size, Doz., \$1.50; 100 \$6.25.

Chinese Sacred Lily

For the most part these are grown in water in fancy bowls, with just enough pebbles around them to keep them from toppling over.

They can also be grown in pots in soil, sand, moss or **Prepared Fibre** (see page 6), is a splendid material for growing these.

Mammoth bulbs, each 25c; doz. \$2.50
Medium size, Each 20c; doz. \$2.00



Chinese Sacred Lily.



Narcissus Sir Watkin.
"The Chalice Flower".

Hardy Narcissus

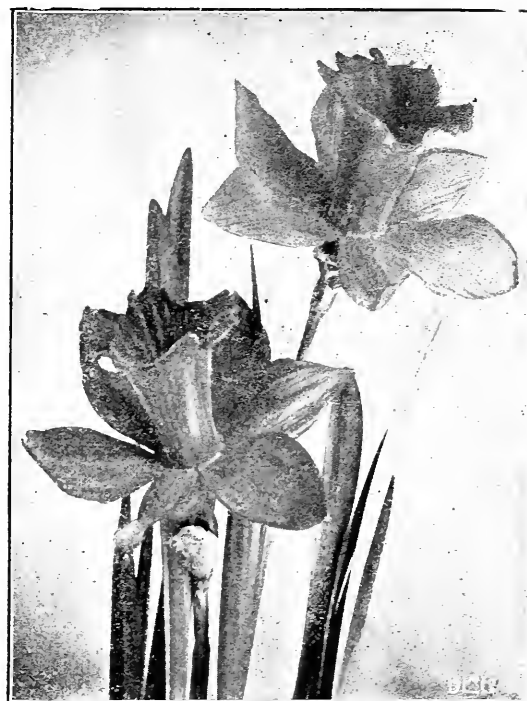
Six of a Kind at Dozen Rate

25 at 100 Rate.

Sir Watkin—Perianth, butter yellow; crown, deep golden; popular variety, and one of the best. Flowers often measure 5 inches across. Commonly known as "The Chalice Flower." Large size, single nose bulbs, doz., 75c; 100, \$5.25.

Golden Spur—Large spreading, full, deep, yellow perianth; trumpet, golden yellow. A charming richly perfumed flower and one of the very best of golden trumpets.

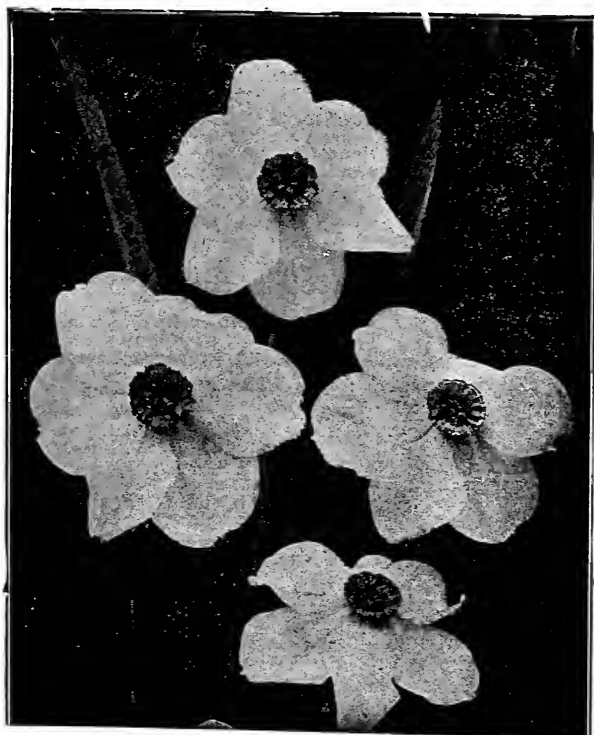
Single Nose Bulbs, per doz., 80c; per 100, \$6.30.



Golden Spur Narcissus.

Emperor—One of the finest in cultivation; entire flower of richest yellow; trumpet of immense size, Large single nose bulbs, per doz., 80c; per 100, \$5.85.

Empress—A large rich yellow trumpet with pure white perianth, A splendid companion to EMPEROR. Large single nose bulbs 80c per doz; per 100, \$5.85.



Narcissus Poeticus Ornatus.

Narcissus Poeticus Ornatus—Pure white with red cup. Fine for cut flowers, being very early and of great beauty and substance, perfectly hardy and at the price quoted should be planted quite liberally. Very large bulbs per doz., 50c; per 100, \$3.60.

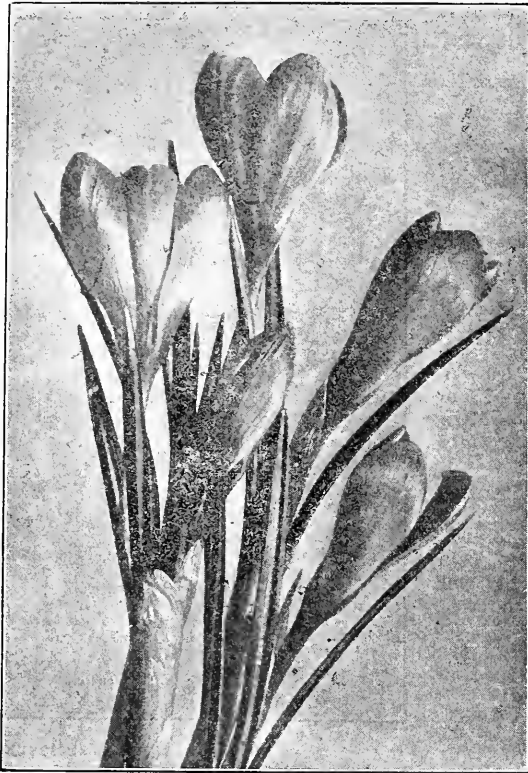
Victoria Bi-Color—A splendid flower for indoor culture with yellow trumpet and creamy white perianth. Single Nose Bulbs, per doz., 80c; per 100, \$5.85.



Double Narcissus Von Sion.

DOUBLE NARCISSUS OR DAFFODILS.

Von Sion—The largest double yellow trumpet variety; extra fine for forcing. Our bulbs are Dutch grown of the pure golden variety and of the largest size. Large bulbs, single nose, per doz., 75c; 100, \$5.50.



Crocus.

This well known little flower is the earliest to bloom, appearing as soon as the snow is off the ground. They are suitable for all gardening purposes for planting in beds, forming lines and borders; are quite hardy, and increase from year to year, and will flower easily in the house with the same treatment as the Hyacinth.

GIANT NAMED CROCUS.

Large Yellow	Doz. 25c; 100 \$2.00
Purpurea Grandiflora—Purple	Doz. 20c; 100 \$1.60
Mont Blanc—White	Doz. 20c; 100 \$1.60
Sir Walter Scott—White ground with blue and purple stripes.	Doz. 20c; 100 \$1.60
Mixed—All colors	Doz. 15c; 100 \$1.20

EASTER LILIES

The Easter Lily is one of the most popular blooming plants. Its pure white, large, trumpet-shaped flowers, with their great substance and delicious fragrance, are as desirable for cutting as for every form of decoration. All the lilies quoted require rich soil, and after root action has well started, appreciate frequent application of manure water, until the bloom buds are nearly ready to open, when it should be discontinued.

L. Gignateum—The Easter Lily; each, 75c; per doz., \$8.00.

OTHER LILIES

- L. Auratum**—The gold banded lily of Japan. Each, 50c; per doz., \$5.00.
- L. Rubrum**—Rosy pink with Amaranth spots and reflexed petals. Each, 50c; per dozen, \$5.00.
- L. Candidum**—The well known Madonna or Annunciation lily. Each, 50c; per doz. \$5.00.
- L. Formosissima**—A splendid white lily, can be supplied immediately on arrival from Japan. Each 50c; per doz., \$5.00.

CALLA LILIES

Well known house plants, easily grown, requiring only rich soil and plenty of water. A compost of one part loam and one part cow manure is recommended. By the 1st of June, allow the plants to lay dormant until the middle of August, when repot them, removing all old soil, and as soon as root action is well started, give liberal applications of plant food.

Calla Aethiopica—The large white lily of the Nile, each 50c.

Calla—Little Godfrey—A dwarf type that has proven very popular for house growth. Each, 50c.

**FREESIA (Purity)**

Bear peculiar clusters of white flowers, which last a long time and have a delightful fragrance. The bulbs force very easily and will come into bloom in January and February in an ordinary greenhouse. They also grow well and bloom freely in an ordinary sitting room if placed near the window and not kept too hot. Will stand a light freezing without injury. Dozen, 35c; 100, \$2.00.

We cannot supply Freesia bulbs after Nov. 1st.

OXALIS

An interesting class of small bulbs, desirable for winter flowering in pots and hanging baskets, producing an abundance of bloom almost continuously.

Bermuda Buttercup—(Yellow) per doz. 75c.

Grand Duchess—Pink, per doz. 75c.



OXALIS (Bermuda Buttercup)

Ranunculus-Double Buttercups

These comparatively little known bulbs are generally hardy, but may require some protection in our severe winters. They are of the easiest culture, and possess a wide range of colors, in clear yellow, reds, pinks and white. They are an acquisition to any garden. They also make splendid plants for house culture—grown 3 or more bulbs to a pot.

Mixed Colors only—per doz., \$1.00.

Prepared Fiber

This is a prepared material in which bulbs do especially well, a mixture of Fibre, Charcoal, Shells, Fertilizer, etc. Always sweet and odorless, ready for use, makes beautiful blooms from bulbs in bowls. Bulbs planted in our Prepared Fibre do not require drainage.

Pkg. of ½ gal., postpaid 50c; Pkg. of 1 gal., postpaid 85c.

Glazed Porcelain Bulb Pans

These are glazed Porcelain Pans, in colors, and a very ornamental container for the growing of such bulbs as Narcissus, Hyacinths, etc. when filled with our **Prepared Fibre**.

No.	Opening	Price each
87A	5 inch	\$1.50
87B	7 inch	\$2.25

F. O. B. Helena.

HYACINTH GLASSES**TALL TYPE**

These are excellent articles for the growing of single bulbs in water. In assorted colors—Green, Deep Amber and White. Each postpaid 75c.

Red Wing Clay Bulb Pans

	Each	Doz.
5 inch	\$.09	\$1.00
6 inch	.15	1.70
7 inch	.20	2.25
8 inch	.30	3.40

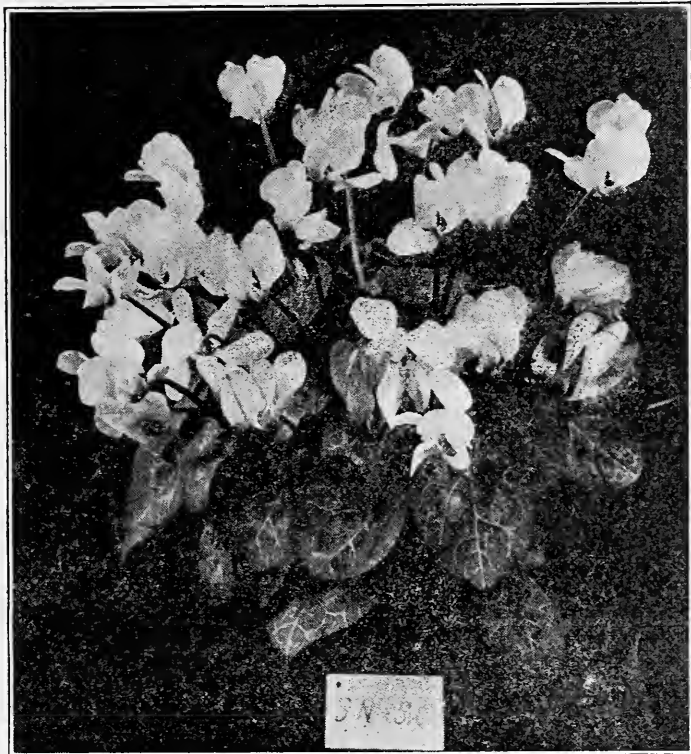
F. O. B. Helena.



CHRYSANTHEMUMS

We are the largest growers of these wonderful fall blooming plants in the northwest, and offer fine pot plants of the Pom Pon types—in white, yellow, and red—plants about 18 inches high, from 4 and 5 inch pots, at \$1.00; \$1.50; and \$2.00 each by express at purchasers expense. If wanted by parcel post add 25c to the above prices. We are in a position to supply fine specimen plants suitable for presents of these popular flowers at most reasonable prices—by express only.

CYCLAMEN



Cyclamen are unquestionably the very finest winter blooming house plant produced. The peculiarly formed flowers are produced with the most lavish profusion, and the range of colors is almost unrivaled, from pure white, pink, rose, salmon pink, red, red with white tip, etc., etc. Their culture is of the easiest, a plentiful supply of water during the growing and flowering season being one of their chief necessities. Beginning to bloom in winter, and being at their best at Christmas, make these plants one of the strongest competitors at that season which the well known Poinsettia has to meet with the flower loving public, and they are yearly growing in favor with all. We are the largest producers of these wonderful plants in the Northwest, growing our own seed, and having produced an unrivaled type of plant, both in marking of foliage and bloom. Each, \$1.50 to \$3.50, by express only, at purchaser's expense.

Large specimen plants—beautiful and most desirable plants for presentation purposes, \$3.50 to \$5.00 each.

BEGONIAS

Flowering Varieties.

These are exceedingly beautiful and useful plants for house decoration.

Argenta Guttata—Brilliant bronzy green leaves with white flowers.

Dewdrop—Pure white flowers and very free flowering.

Luminosa—Brilliant fiery dark scarlet.

Metalica—Velvety foliage, rosy white flowers.

Thurstonii—Flowers rosy white; foliage bronzy green.

Each 50c and 75c
Each, postpaid 60c and 85c

GERANIUMS

The following list comprises those we have found to be the most satisfactory for winter blooming, and can be depended on to be the best of their respective classes.

DOUBLE.

S. A. Nutt—A deep crimson and free bloomer.

Helen Michell—A clear scarlet semi-double, very large truss and florets, and beautiful lustrous green foliage. Very bushy and compact growth.

GERANIUMS—Continued.

SINGLE.

Yvette Frost—Rosy pink, a splendid bloom.

Mme. L. Moyot—White center, with vermillion border.

Sentinel—Dark crimson with round flowers.

Mme. P. Morian—Rosy salmon; very free bloomer.

We offer the above varieties single or double at 35c, and 50c each.

Postpaid 45c and 60c each.

TWO NEW GERANIUMS.

Mrs. Kent—This new introduction is one of the very finest single varieties that has been introduced in recent years. Its color is a vivid crimson-scarlet, with a white eye, very large single florets and enormous trusses. It is of bushy habit and very free flowering.

Each, small plants—50c postpaid. Larger plants each 75c and \$1.00 postpaid.

Mrs. R. Gloide—A new semi-double—with bright deep pink flowers. The trusses and florets are very large, and very free flowering. A most desirable addition.

Plants of these two new varieties from 4 inch pots—\$1.00 each postpaid.

FERNS

There is no class of plant so graceful and showy, or more adapted to house decoration than the Fern. Though we are the largest growers of Ferns in the Northwest and our collection most varied, the limited space in this catalogue allows us to offer but a few of the best varieties that grow well under ordinary living room conditions.

Nephrolepis Bostoniensis (Boston Fern)—Although many new varieties of Ferns have been introduced, the Boston Fern still remains the favorite. Each year the demand for this long-time favorite is increasing, especially in the larger sizes. It is conceded by all to be the most appropriate Fern used for a present, for which purpose we carry a special grade.

Plants range at 35c, 75c, \$1.50, \$2.50. Postpaid, 40c, 85c, \$1.75 and \$3.00.

Our special "Present size," \$2.50, "Specials" \$3.50, by express only.

Nephrolepis Whitmani—(New Ostrich Plume Fern)—Unquestionably a valuable Fern of its type. They are graceful beyond description, feathery, plummy and nothing describes them better than ostrich plume. Each, 35c, 75c, \$1.50 and \$2.50. Each, postpaid, 40c, 85c, \$1.75 and \$2.75.

Nephrolepis Norwood—A new plumed type, very handsome, of a compact and symmetrical habit of growth. This beautiful fern is destined to become one of the most popular of the plumed forms originating from the well known Boston Fern, and is of easy house culture. A vigorous healthy grower. Each, from 4 inch pots \$1.00; from 5 inch pots \$1.50. If desired by parcel post add 25c to above prices.

Pteris Argyrea—The Pteris are among the easiest grown house ferns, and the wonderful range of variegated foliage and form render them invaluable. Pteris Argyrea is of a dwarf habit with fronds prettily decorated with white. From 4 inch pots each \$1.00; from 5 inch pots each \$1.50. If wanted by parcel post add 25c to above prices.

Pteris Victoriae—This is considered by many to be the handsomest of the variegated Pteris. The fronds are rich deep green, with the centre of the lobes beautifully variegated with silvery white. It is a vigorous and healthy grower. Each from 4 inch pots \$1.00; from 5 inch pots \$1.50. If wanted by parcel post add 25c to above prices.

Pteris Tremula—Commonly called "Lace Fern." This is one of the best known of the family, and the strongest grower, the fronds on a well developed specimen often attaining a length of three feet, of a brilliant shade of green. Succeeds well everywhere as a house plant. Each from 5 inch pots \$1.00; from 6 inch pots \$1.50. If desired by parcel post add 25c to above prices.

Asparagus Plumosa—Commonly called "The Asparagus Fern," is too well known to need description. Each 25c, 35c, and 50c; postpaid, 30c, 40c, and 60c.

Asparagus Sprengeri—Very graceful, showy and well adapted for hanging baskets. Each, 35c and 50c; postpaid, 45c and 60c.

FERNS—Continued.**Table or Fern Dish Ferns.**

The following list comprises some of the best varieties known for table or fern dish decoration purposes.

Aspidium Tussimense—A general favorite—and one of the very best. Green foliage.

Pteris Alexandrae—A handsome variegated dwarf Pteris.

Pteris Wimsetti—A pretty crested Pteris with green foliage.

Pteris Wilsonii—Another pretty and peculiar formed green foliaged Pteris.

Pteris Rivertoniana—One of the most desirable forms of the crested type, with green foliage.

Pteris Mayii—A peculiar dwarf type with large pinnae and green foliage.

Any of the above varieties from 2½ inch pots 25c each, postpaid.

PRIMULA---(Primrose)

(Blooming Plants in Season—November to March)

Primula Sinensis—(Chinese Primrose) A handsome and easily grown Primrose, in shades of red, pink and white. A very free bloomer with large flowers. Each 50c, 75c. Postpaid 60c, 80c.

Primula Malacoides—This is the Baby Primrose. It bears masses of delicate lavender colored flowers in wild profusion, and deservedly ranks among the best of the fall and winter house plants.

Each, 50c, 75c Postpaid, 60c, 85c.

PALMS

There is no class of plants that give such an air of refinement to the home as the Palm. Their bold, handsome foliage makes them ideal decorative plants. We have a large stock from which we recommend the following:

Kentia Belmoreana—This Palm is not affected by dust and the dry air of the house, and will grow and thrive where few other plants would live. Each \$1.50 to \$3.00.

Kentia Forsteriana—Very similar to the Belmoreana, but of stronger growth and heavy foliage. Each, specimen plants, \$1.50 to \$3.00.

Cycas Revoluta—("Sago Palm")—A very handsome decorative plant; excellent for the home. Specimen plants, each \$2.00 and \$3.00.

Kentias—Young plants from three inch pots—suitable for fern dish decoration—splendid subjects for this purpose. 50c each, postpaid.

Cyperus Alternifolius—("The Umbrella Palm")—Very useful as a foliage plant on account of its easy growth and novel appearance. Each, 50c; postpaid 60c.

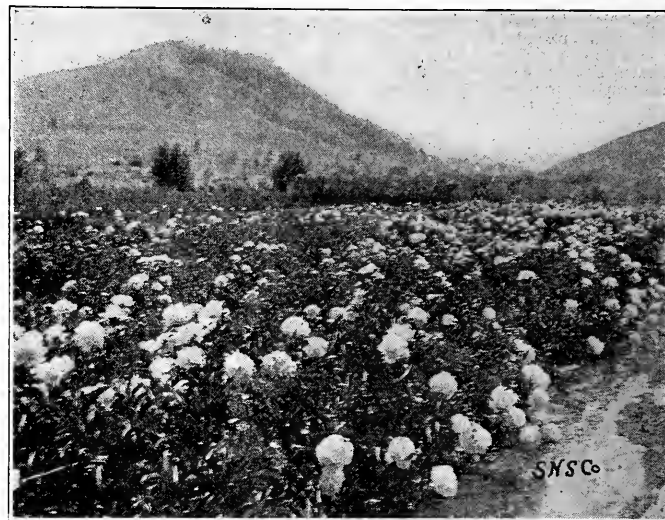
HARDY SHRUBS

It is advisable in planting any hardy shrubs in the fall in this section, to FREEZE THEM IN—that is to plant them as freezing weather is at hand, then soak them in well, allowing them to "Freeze in" the ground. As soon as they are "froze in" the ground over the roots should be covered well with a good coat of mulch, to prevent the frozen ground about the roots thawing out before spring.

For an extended list of shrubs and small fruits see our general Spring Catalog... Copy sent free on application.

Lilacs—Bush type—Purple and White. In these we have some very fine stock, which will if planted this fall and "froze in" as above described, will bloom profusely this coming spring. Each, \$3.00, \$5.00, \$7.50 and \$10.00, by express, at purchasers expense.

Red Currants—We can offer some splendid bushes of this favorite small fruit—which if treated as described above and planted this fall, will bear under good conditions a profusion of fruit next season. Each, 75c, postpaid, \$1.00.

PEONIES

A Field of Peonies in Bloom in our Nursery.

This gorgeous kaleidoscope of color is a wonderful sight, and one that attracts a large number of visitors to our grounds yearly.

These old-time favorites are more than ever claiming the front rank of popularity. The new varieties introduced in recent years with their great variety of exquisite colors and such perfect flowers possess a striking individuality, and planted singly or in groups produce a gorgeous effect. Their only requirements are a good rich soil and a sunny position, which however, is not absolutely necessary as they thrive almost equally well in a partly shaded position. A liberal supply of water during the growing season being sufficient to give an abundance and wealth of flowers, producing a gorgeous effect not equalled by any other flower. Whenever possible, Peonies should be planted in September, to get best results.

PEONIA OFFICINALIS.

This is the old-fashioned Peony and comes into bloom from ten days to two weeks ahead of the other sorts. All are strong growers, with full fragrant flowers.

***Officinalis Rosea**—Double rose.

Officinalis Rubra—Double blood red, Each \$1.00 and \$2.00; postpaid \$1.25 and \$2.25.

***Officinalis Mutabilis**—Pink changing to white.

NEWER VARIETIES.

***Baron Rothschild**—Deep rose, mid-season. Long stem.

***Edulus Superbus**—Dark rose with light rose center.

Eugene Verdier—Pink, very full flower.

Felix Crousse—Brilliant red. Each \$1.00 and \$2.00; postpaid \$1.25 and \$2.25.

Ne Plus Ultra—Dark rose, very large.

***Queen Victoria**—Creamy white, early.

Humei—Deep rose, large fragrant flower.

Rosea Magna—Dark pink, lilac center.

Comata—Very dark red. Each, \$1.00 and \$2.00; postpaid, \$1.25 and \$2.25.

***Festiva Maxima**—Creamy white carmine center.

***Lady Bramwell**—Silvery rose.

Each (according to size where not priced) 75c, \$1.00, \$2.00
Each (Postpaid) 85c, \$1.25, \$2.25.

We offer superb field grown clumps of the varieties marked * at \$5.00 each—by express only.

IRIS--(Fleur-de-Lys.)



Iris.

We are the most extensive growers of Iris in the Northwest, and our collection embraces only the finest varieties of the type known. Extremely valuable as cut flowers, the only rivals of the Orchids in beauty and wealth of delicate coloring, the varieties we offer would hardly be recognized as the scientifically developed descendants of the old time "yellow and purple flag." They are of easy culture, extremely hardy, and will succeed anywhere. "S" indicates the "Standards" or upper petals, and "F" the "Falls" or lower petals. **Like Peonies Iris should be planted in September to obtain best results.**

Black Prince—(Kochi)—(S) Purple Lilac; (F) rich velvety black.

Celeste—(S & F)—Azure blue. Thirty inches.

Chalcedonica—(S) Light mauve; (F) Purple. Thirty inches.

Crimson King—(S & F) Rich crimson purple. Twenty-eight inches.

Florentina Alba—(S & F) Creamy white flushed with lavender. Very fragrant.

Khedive—(S & F) Beautiful soft lavender. Thirty inches.

Madame Chereau—(S & F) White, edge of petals frilled with blue.

Plumeri—(S) Coppery rose; (F) Velvety claret. Tall.

Purple Queen—(S & F) Large deep purple. Very early.

Queen of May—(S & F) Soft lilac or lavender pink. The nearest pink in Iris. Very beautiful.

Any of the above varieties, 20c each; postpaid, 25c.

The collection—No. 1. of the above ten varieties—one of each—for \$1.50; postpaid, \$1.75.

Darius—(S) Rich canary yellow; (F) Lilac margined with white. Twenty-four inches. Very choice.

Gypsy Queen—(S) Old Gold shaded with pearl; (F) Black maroon, reticulated with light yellow. Late, twenty-four inches.

Her Majesty—(S) Lovely rose pink; (F) Bright crimson tinted with a brighter shade. A most beautiful variety.

Lady Jane—(S) Coppery rose; (F) Madder red, netted with white, a rare color in Iris.

Pallida Dalmatica—(S) Lavender; (F) Clear deep lavender. Flowers extra large and fine, one of the best.

Any of the above five varieties, 25c each; postpaid 30c.

The collection No. 2 of the five varieties—one of each—\$1.00; postpaid, \$1.25.

NEWER VARIETIES.

Catrina—(S) A lavender clear light blue; (F) Lilac blue. Tall, with branching stems. Forty-eight inches, a new variety and scarce. Each 50c; postpaid, 60c.

Dr. Bernice—(S) Coppery bronze; (F) Rich velvety crimson. Very large blooms and very beautiful. Scarce. Each, 50c; postpaid 60c.

Iris King—(True)—(S) Coppery yellow; (F) Crimson bordered with yellow. A very large flower and scarce. Twenty-four inches. Each, 50c; postpaid, 60c.

HARDY PERENNIALS

The following Hardy Perennials may be planted in the fall, and if well covered with mulch after the first early frosts, for protection the first winter, will well repay in early and plentiful bloom next season for the extra care. **For a more extended list of Hardy Perennials suitable for this section see our General Catalog, a copy of which will be sent free on application.**

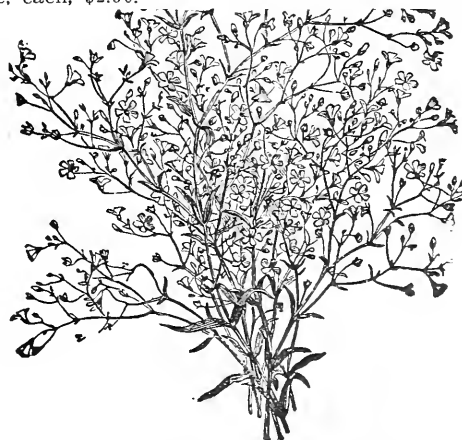
ANCHUSA ITALICA.

Dropmore Variety—Very free flowering plants of a branching habit, with flowers of a gentian blue, and very attractive. Almost continuous bloomer in this section after June. 3 feet. Each, 20c; postpaid, 25c. Per dozen, \$2.00; postpaid, \$2.25.



Shasta Daisies..

The SHASTA DAISY is a great favorite in this section, blooming profusely with its large Daisy-like flowers. No bed of hardy perennials or hardy garden is complete without this easily grown flower. Each 20c; postpaid 25c. Large clumps, extra fine, each, \$2.50.



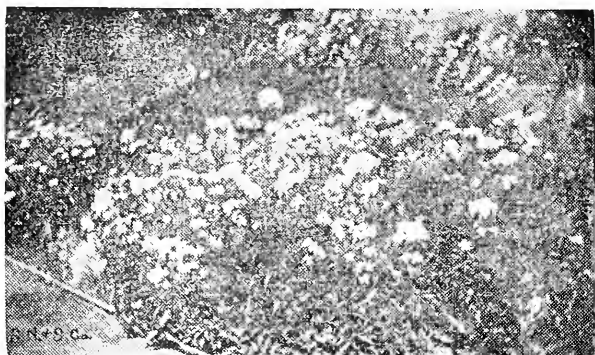
Gypsophila—(Baby's Breath.)

The Gypsophila with their attractively arranged masses of minute flowers should be in every garden. If cut and dried will retain its beauty for months, providing decorative material of the very best.

Paniculata—The popular old-time Gypsophila, much admired for its feathery appearance.

Each, 20c; postpaid 25c; per doz., \$2.00; postpaid, \$2.25.

HARDY PERENNIAL PHLOX



This is one of the hardy perennials in which we have been selecting and specializing for several years, until we have secured a collection that has no equal in the Northwest, well tested for hardiness, beauty of bloom and free flowering proclivities. The large beds of these—in the open field—are the admiration of every visitor to our nurseries in their season, and until the early frosts prevented their blooming longer, were a kalidescope of wonderful color.

- P. G. Von Lassburg**—The purest and largest white known.
Geo. A. Strohleim—Bright scarlet with crimson red eye.
Edmund Rostand—Reddish violet, shading brighter toward the center of petals.
Siebold—Bright scarlet and one of the very best of its class.
Vesuvius—Red with bright purple eye. Quite showy.
De Hochberg—The finest crimson.
Elizabeth Campbell—Very bright salmon pink with dark red eye.
Pantheon—Bright carmine rose.
R. P. Struthers—Bright rosy carmine, with claret red eye.
De Miribol—White suffused with rosy scarlet; crimson eye.
Bouquet de Fleurs—White with a cherry eye.
Eyon—Rich deep red.
Miss Lingard—A grand early dwarf white variety.
Drago—Light red with dark eye.
Elegantissima—A large flowered early white.
Verdi—A beautiful rosy-pink.
 Each, 20c; postpaid, 25c Per doz., \$2.00; postpaid, \$2.25
 Large three-year-old clumps from the open field—
 Each, \$2.50; postpaid \$3.00

HOLLYHOCKS

Our careful and scientific selection has resulted in the production of an unequaled strain of this magnificent plant in the best shades of color known, with colossal spikes of bloom, lasting and blooming until frosts put a check on their wonderful vitality and growth. Used as individuals well back in the hardy border, or dotted here and there amongst a bed of hardy shrubs, which they brighten with their brilliant spikes of gorgeous color after the shrubs are through flowering for the season, or as a hedge at the rear of a bed of hardy perennials they cannot be surpassed. The strain we offer must be seen to be appreciated, with flowers whose petals seem as if made of the finest China silk. Give them a well fertilized soil with well rotted manure, deeply spaded, sufficient drainage, a plentiful supply of water in the growing season, and success is assured in any location. Their enormous sale every season proves their popularity.

- | | |
|-------------------------|-------------------------|
| DOUBLE WHITE | DOUBLE PINK |
| DOUBLE DEEP ROSE | DOUBLE BLOOD RED |
| DOUBLE CRIMSON | DOUBLE SALMON |
| DOUBLE MAROON | DOUBLE YELLOW |

Each, 25c; postpaid, 30c; doz., \$2.50; postpaid, \$3.00.

STATICE

(Giant Sea Lavender) (Limonium)

- S. Latifolium**—A noble plant for hardy border. Produces clumps of leather-like leaves, with heads of bloom which frequently measure 24 inches across, covered with small flowers and lasting until frost. The flower sprays when cut and allowed to dry will keep in almost their fresh cut appearance for months. We cannot recommend this valuable hardy perennial to highly, not only for its appearance in the hardy border, but also for its wonderful keeping and decorative qualities when cut and dried.
 Each, 25c; postpaid, 30c; per doz., \$2.50; postpaid, \$2.75.

- S. Sinuata**—Another splendid variety, with purple flowers, larger than those of *S. Latifolia*, and also a splendid subject for cutting and drying for decorative purposes in winter.
 Each, 25c; postpaid, 30c; per doz., \$2.50; postpaid, \$2.75.

EVERBLOOMING SWEET WILLIAM.

- D. Latifolius Atracoccineus**—(Everblooming Hybrid Sweet William.) A beautiful summer bedding variety producing masses of brilliant, fiery crimson flowers throughout the entire season. Each, 20c; postpaid, 25c; per doz., \$2.00; postpaid, \$2.25.



Lychnis Chalcedonica (Ragged Robin.)

- L. Chalcedonica**—Brilliant scarlet flowers in June and July. Each, 20c; postpaid, 25c; per doz., \$2.00; postpaid, \$2.25.



Oriental Poppy.

POPPIES.

The Perennial Poppies with their rich and brilliant colors make a dazzling effect during the summer months, and whether planted singly or in masses their large flowers and freedom of bloom render them conspicuous in any position. They are of the easiest culture, almost any kind of soil suits them, but they do best in a deep rich loam. Give them water occasionally during dry weather and they will increase in size and floriferousness for several years.

- Oriental King**—Large size, rich crimson.

- Princess Victoria Louise**—Salmon pink.

- Goliath**—A large flowered bright scarlet of strong growth. Each, 25c; postpaid, 30c; per doz., \$2.50; postpaid, \$2.75.

FIELD SEED DEPARTMENT

From our very complete spring catalog we select such items as may interest you for fall seeding.

Each season brings an increasing demand for these items. Every farmer realizes that spring always brings more work than can be accomplished. We therefore urge you to get all seeding it is possible and advisable to do during the early fall.

Our large new fire proof seed Warehouse, containing nearly 20,000 square feet of floor space, located at the Great Northern R. R. Depot is devoted to field seeds, poultry and dairy feed. It affords us facilities for the prompt handling of large quantities of seeds second to none, and is equipped with the most modern and up-to-date machinery for the cleaning, recleaning, and grading of seeds that ingenuity can devise. All machinery is equipped with electric motor driven power.

Our friends and customers are cordially invited to inspect this latest addition to our plant, also our store on Fuller Avenue, and the large Nurseries, Seed Trial Grounds and Greenhouses on the Broadwater Street Car line. Courteous employees will take pleasure in showing the different departments to visitors. A visit to Helena is not complete without a visit to this large and most interesting branch of the business family of the city.

View at our
Trial Grounds where
all Seed is tested
for Germination
and
Type of Plant



An advantage
enjoyed by very
few Seed Merchants.
Visitors are
welcome to our
Trial Plots

SEEDING TABLE

An Acre Contains 43,681 Square feet—209:209 feet.

	Broadcast.	Drilled.		Broadcast.	Drilled.
ALFALFA —For hay crop, on irrigated land	15 lbs.	12 lbs.	BROME GRASS —(<i>Bromus Inermis</i>)—For hay or pasture on irrigated ground	20 lbs.	15 lbs.
ALFALFA —For hay crop on dry land	10 lbs.	8 lbs.	BROME GRASS —(<i>Bromus Inermis</i>)—For hay or pasture on dry land	15 lbs.	12 lbs.
ALFALFA —For seed crop on dry land or sub-irrigated.....	8 lbs.	6 lbs.	BLUE GRASS —For hay or pasture on irrigated land	25 lbs.	20 lbs.
ALFALFA —Pedigreed GRIMM, in rows 3 ft. apart to be cultivated		1 lb.	ORCHARD GRASS —For hay or pasture on irrigated land.....	25 lbs.	20 lbs.
CLOVER —Medium Red for hay crop.....	12 lbs.	10 lbs.	RYE GRASS (<i>Perennial</i>)—For hay or pasture on irrigated land	40 lbs.	30 lbs.
CLOVER —Alsike for hay crop	10 lbs.	8 lbs.	MILLET —German, Hungarian, Siberian or hog for hay crop.....	30 lbs.	25 lbs.
CLOVER —Sweet, for hay crop or to be plowed under for green manure	15 lbs.	12 lbs.	MILLET — Japanese or Billion Dollar Grass, for hay crop	15 lbs.	10 lbs.
TIMOTHY —For hay or seed crop.....	10 lbs.	8 lbs.	SUDAN GRASS —	20 lbs.	10 lbs.
TIMOTHY AND ALSIKE CLOVER —For hay or pasture	10 lbs.	8 lbs.			
RED TOP —For hay crop or pasture.....	10 lbs.	8 lbs.			

GRAIN

WHEAT—4 pecks—1 bu. or 60 lbs.

OATS—4 to 5 pecks—1 bu. and 1 peck or 50 to 60 lbs.

FLAX—16 to 30 lbs.

PEAS—per acre 90 to 120 lbs.

BEANS—per acre drilled 20 to 30 lbs.

CORN—per acre drilled 15 lbs.

BARLEY—2 or 6 Row—5 pecks—1¼ bu. or 60 to 70 lbs.

BARLEY (*Hulless*)—4 pecks—1 bu. or 60 lbs.

RYE—45 to 50 lbs. for grain; 50 to 60 lbs. for hay.

SPELTZ—4 pecks dry land—50 lbs. for grain.

SPELTZ—5 pecks irrigated—60 lbs. for grain.

CORN—For Fodder or Silo 75 lbs.

The quantity of seed that should be sown per acre depends on the location and nature of the soil. There is wide difference of opinion on this subject, and the actual weight necessary must therefore be determined by some one conversant with the local situation. The above may be of service; in many instances the lower quantity will be found to suffice.

Spare seeding is not economical where water for irrigation is available

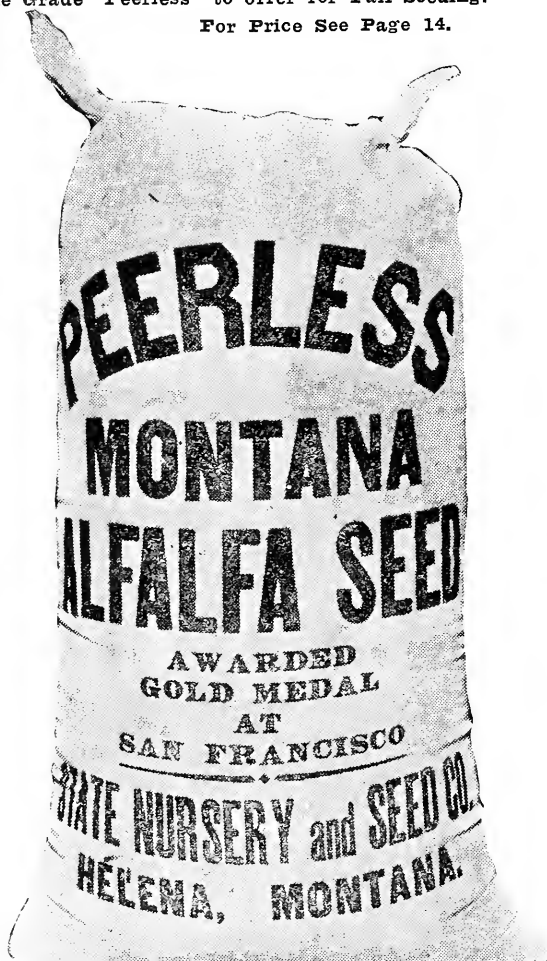
The best qualities are found to be the cheapest. Pure seeds of high germinating quality are in demand more than formerly; the extra cost per acre is small and the returns are more satisfactory.

Montana Hardy Alfalfa Seed

is today acknowledged to be without a peer. Experiment Stations of several State Agricultural Colleges, bear out in every case the final superiority of Montana seed, for hardiness, vitality and productiveness. Located as we are, in the heart of the Rockies, we have facilities for the selection and acquisition of the highest grades of Alfalfa for the northwestern country that are not equaled by any other house, and our customers may rely on the assertion that seed secured from us is of the hardest and best obtainable quality in the grade in which we class it.

One Grade "Peerless" to offer for Fall Seeding.

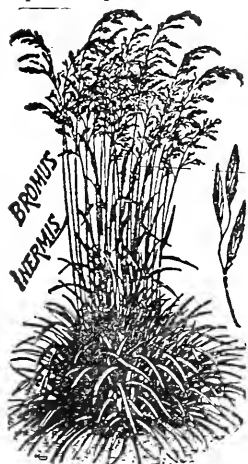
For Price See Page 14.



BLUE GRASS

Kentucky "Peerless"—We wish to call particular attention to the cleanliness of our Blue Grass. The seed we offer is strictly reliable in every respect, is extra fancy new crop and we guarantee its Germination.

Kentucky "Placer" Grade—Used extensively for lawns and street parkings, also makes excellent pasture or hay. Should be used extensively this season in all pasture mixtures at the low prices quoted.



BROME GRASS

Bromus Inermis—A wonderful drouth resister. A grass for the stock raiser. All cattle like it. Will drive out Russian Thistle, also Black Mustard. Drouth defying, frost resisting. Yields enormous crops of splendid hay and affords early and abundant pasturage. We have seen some very fine crops of Brome Grass and Alfalfa mixed, which makes an excellent hay for horses and cattle. Try it. These both mature and cure at the same time. Our peerless grade of this magnificent grass is unequalled for purity and high germination, and less seed is required to the acre than any other grade. From good seed, good crops grow.

FARMOGERM—SEE PAGE 20

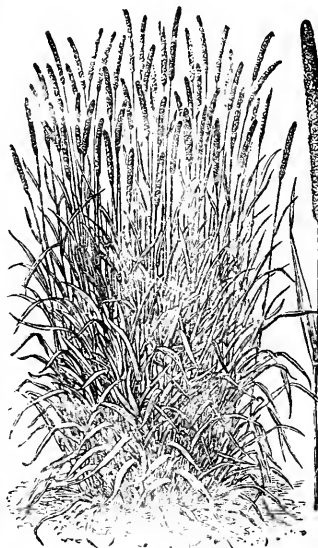
MEADOW FESCUE

Also known as English Blue Grass. Produces a large amount of feed of good quality all through the season. Is one of the earliest of spring grasses and persists latest. Does not freeze out or winter kill. Very desirable for use in meadow and pasture mixtures: Live stock relish it highly. 18 to 22 lbs. of seed are sown to the acre.

RED TOP

Solid Seed, "Peerless"—A valuable grass for moist soils. It will flourish on wet undrained soil, especially acid soil. Especially valuable for pasture and mixtures. Redtop is a very valuable grass to grow with Timothy and Clovers, especially Alsike or Timothy. It fills the lower part of the swath and fills the bottom thereby increasing tonnage and forming thick heavy sod. When you have trouble getting a stand of grass, you should certainly try Redtop. It will succeed where others fail.

TIMOTHY



As a crop for hay, Timothy is probably unsurpassed by any other grass. It is greatly relished by all kinds of stock, especially horses. It yields more nutritive matter than any other grass or forage plant. It is not suited for a permanent pasture, as it will in the course of a few years, run out. It is, however, well adapted to early spring grazing, as it starts up quickly in the spring and in favorable weather can be pastured in the autumn as well. The largest crops of hay are raised on rich land. It is not suited for light, sandy soil as well as some other grasses.

"Peerless"—Thoroughly cleaned. Brightest seed, showing a purity of 99 per cent or better.

"Placer"—This grade, like the above, is the plump native grown seed, unequaled by the stocks of most eastern firms. If you use large lots write for special price, stating quantity you expect to use.

Timothy.

Alsike Clover and Timothy Mixed—Where Alsike Clover and Timothy are grown together, and the seed is saved therefrom, it is impossible in cleaning to make a complete separation of the two. On this account we purchase the seed for less money and we can sell it for less money than would be the case if a perfect separation could be made. Those desiring to sow Alsike and Timothy together can save considerable money by buying the seed of these two varieties together as originally harvested. This makes a splendid mixture for hay or pasture, with just enough Alsike Clover to make splendid hay for horses or dairy cows, carrying about 25 per cent of clover.

SLENDER WHEAT GRASS

Or Western Eye Grass—This is a valuable native grass, very hardy and makes good hay. Much valued for crop rotation. Seed about 20 lbs. to the acre, and do not cover too deeply. Some growers advise the mixture of Red Clover with this grass and for hay this assures easier handling in harvesting. It has proven a valuable crop in Montana and also in Northwestern Canada. This is frequently called Blue Joint by farmers, and resembles it somewhat.

ORCHARD GRASS

"Peerless"—A valuable grass for pasture or hay land, and on account of its earliness is very valuable for permanent pasture. It furnishes early green grass in the spring and until late in the fall. When closely cropped it grows up very quickly and is ready for grazing again in ten to twelve days. When grown for hay sometimes two crops can be obtained in one season, and when one crop is cut the aftergrowth is very heavy and gives splendid and rich pasture till late in the fall. It will stand drouth and is hardy. It grows in tufts, and is therefore best sown with Red Clover, rye grass, etc. It is well suited for shady places, such as orchards and groves.

PERENNIAL RYE GRASS

The life of this grass is from two to five years and is a very valuable grass to use in meadow mixtures as, on account of its rapid growth, it assists in making a longer pasturing season. When used alone for a Hay crop it will, when seeded at the rate of about 50 lbs. per acre, produce from 2 to 2½ tons per acre. We do not recommend this as a dry land crop as its root system is not deep enough for this purpose.

See Prices on Page 14

SEED INOCULATION—SEE PAGE 20.

CLOVERS



Medium Red Clover.

Medium Red, "Peerless"—Looking to the future, no time should be lost in introducing the bacilli of the Red and Alfalfa Clovers. The use of nitro cultures may tend to hasten their establishment, but nature's way, and the best way, is to use a small quantity of seed, say a pound or two of Red and Alfalfa Clover to the acre with whatever crop you are seeding. After a little you have a prized bacilli in your land, then you may safely call your farm doubled in value from a producing standpoint. Red Clover is regarded as the most important of the whole genus for practical agriculture; valuable not only for forage but also a fertilizer for the soil. Long, powerful tap-roots which in decaying add largely to that black mass of matter we call soil.

Medium Red, "Placer"—An exceedingly good second grade seed.

Mammoth Red, "Peerless"—This variety of clover matures about two weeks later than the ordinary red clover, and will produce a heavier yield per acre than any other variety. It is also better adapted to poor sandy soil than other sorts, Alsike included. On account of its vigorous heavy growth, it should be cut for hay before the bloom fully matures, otherwise the heavy growth will have a tendency to become woody. It is by far the best variety known where clover is desired for a hog pasture.

Alsike or Swedish "Peerless"—This Clover originally came from the Little Province of Alsike in Sweden. One of the hardiest varieties known, is perennial and does not winter kill; stands alike drouth or wet. We know of many who have used Alsike Clover to sow in boggy land, making this land produce a crop or pasturage and at the same time enabling it to be driven over as the mass of roots make a heavy sod. Favorite with bee keepers. Flowers with sweet agreeable odor.

Alsike or Swedish "Placer"—Second only to our "Peerless" grade. We anticipate a big demand as the price is very low.

White Dutch—Excellent for pasture and when mixed with Kentucky Blue Grass, makes the finest and most nutritious food for sheep and cows, used universally for lawns in the Northern section of the United States. Sow 5 to 8 pounds to the acre alone for pasture; for lawn, 1 lb. to 400 square feet.

SWEET CLOVER

WHITE BLOSSOM SWEET CLOVER.

Sweet White Blossom "Peerless"—Thoroughly cleaned, brightest color seed of the highest grade, its purity being 99% or better. None better anywhere at any price. Samples with quotations on any quantity cheerfully furnished.

Sweet White Blossom "Placer"—Second only to our Peerless grade and running 98% pure or better. Don't overlook the fact that Sweet Clover should hold a very important place in your crop rotation.

Sweet White Blossom "Quartz"—This grade will run 90% or better purity and contains some unhulled seed. The run of seed is a little smaller than the higher grades, but does not, as many think, require more pounds per acre, as it contains more seeds per pound.

YELLOW BLOSSOM SWEET CLOVER.

NO SEED AVAILABLE FOR FALL PLANTING.

WINTER WHEAT

Winter Wheat—Turkey Red—We offer a true strain of the Old Reliable Turkey Red. The Farmers' and Millers' Friend.

Winter Wheat—Kanred—This variety was introduced by the Kansas Experiment Station. It being a selection of the hardiest Prolific Turkey Red. It is classed as a high grade milling variety and highly recommended by millers. In a three year test the Montana Experiment Station reports a yield of 47 8-10 bushels per acre.

Winter Wheat—Montana No. 36—Recommended very highly. It withstands drought and winter killing better than other varieties which have been bred up from Turkey Red at the same time holding a high place as a milling wheat. In a three year test at Montana Experiment Station it yielded 51 6-10 bushels per acre.

Winter Wheat—Burbank Super—Not a high milling variety, but a profitable one to grow if fed on the farm as it yields enormously under favorable conditions.

FALL RYE

Fall Rye—Amber—Winter Rye is much hardier than Wheat and can be grown on a greater variety of soils. It will thrive in dry seasons and on light sandy loam. It is grown for grain, fodder, soiling purposes and green manure. Sow Aug. 20th to Sept. 15th—1¼ bu. per acre if for grain, and 1½ to 2 bu. per acre for Fall pasture. If drilled 2 to 2½ in. deep there will be less danger of Winter killing. Our seed is selected, graded, and thoroughly cleaned.

Fall Rye—"Rosen"—Rye cross-breeds like corn. In this respect it differs from wheat, which will not cross fertilize, if two or more kinds are grown together for years. To keep a pure rye pure, it should be grown away from a common crop, like you must grow yellow corn distant from white corn.

Farmers who have grown rye know that 15 to 20 bushels per acre is about what they can expect. Such farmers, who changed to the Rosen rye, are now getting 25 to 30 bushels, and 40 to 50 bushel yields are not very uncommon.

Fall Rye—Dakold or No. 959—The Dakold Rye is the result of a selection made at the North Dakota Experiment Station some years ago. The North Dakota Station has found that this rye is the best variety for their conditions, where hardiness is an important factor.

The seed we offer for sale produced about 40 bushels per acre and carries the registration tag of the Montana Seed Growers Association. The seed from which the crop was grown traces direct to the North Dakota supply and has been grown in such a way that it has complied in every respect to the requirements of the Montana Seed Growers Association.



Rosen Rye—1922—40 Bushels to Acre.

See Prices on Page 14

SEED INOCULATION—SEE PAGE 20.

FIELD SEEDS

Prices on seeds listed below are based on present stocks. All prices quoted NOT under pp. (Postpaid) will be forwarded at purchaser's expense by express or freight.

Write for quantity price on any items not priced here advising quantity you are interested in.

ALFALFA	lb. PP	lb.	10lb.	100lbs.
Hardy Montana "Peerless" .....	.45	.40	3.75	32.50
CLOVER				
Medium Red "Peerless" .....	.40	.35	3.50	30.00
Medium Red "Placer" .....	.35	.30	3.00	27.00
Mammoth Red "Peerless" .....	.40	.35	3.50	33.00
Alsike "Peerless" .....	.35	.30	3.00	26.00
Alsike "Placer" .....	.33	.28	2.75	24.00
White Dutch "Peerless" .....	.75	.70	6.50	62.00
Sweet White Blossom "Placer" .....	.20	.18	1.60	14.00
Sweet White Blossom "Quartz" .....	.18	.15	1.40	12.00
RED TOP				
Red Top "Peerless" .....	.35	.30	2.75	26.50
TIMOTHY				
Timothy "Peerless" .....	.20	.15	1.25	8.50
Timothy "Placer" .....	.18	.13	1.25	8.50
Timothy and Alsike 20% mixed.....	.20	.15	1.35	10.75
BLUE GRASS (Kentucky)				
Blue Grass "Peerless" .....	.40	.35	3.25	30.00
Blue Grass "Placer" .....	.35	.30	2.90	28.00
Brome Grass .....	.25	.20	1.60	12.75
MEADOW FESCUE .....	.30	.25	1.75	16.50
SLENDER WHITE GRASS .....	.25	.20	1.50	9.50
ORCHARD GRASS "Peerless" .....	.35	.30	2.50	21.00
PERENNIAL RYE GRASS .....	.27	.22	2.00	15.50
WHEAT, WINTER			Per Bushel	
Turkey Red	\$1.75			
Mont. No. 36	2.25			
Kanred	2.10			
Burbank Super—sealed bags			2.75	
RYE				
				100lbs.
Fall Amber	\$2.00			
Fall Rosen	2.40			
Fall Dakota or No. 959	2.40			

CYCLONE

THE WORLD'S STANDARD SEED SOWER



CAN SOW Fifty acres in a ten-hour day—seeded evenly, thoroughly and easily. That's what you can do with a Cyclone Seeder. Use it with any seeds that can be sown broadcast or with ground bone, ashes or fertilizer—a Cyclone will pay for itself in three hour's work. Because its absolutely even distribution will make three bushels do the work of four. Each \$2.50; postpaid, \$2.65.

THE SOWER THAT SATISFIES

ONION SETS--PLANT NOW

Egyptian Winter—or Perennial—These sets are usually planted in the fall, being hardy everywhere. They never form large bulbs but produce small green onions weeks before any other sort. They are unsurpassed in sweetness and tenderness. The sets are produced on the top of the stalks.
1 lb. 25c, postpaid 30c; 5 lbs. \$1.20, postpaid \$1.35.

Wild Cucumber—This is a useful climber where a rapid and vigorous growth of vine is desired. To cover or to screen an unsightly building, there is perhaps no annual climber better adapted for the purpose. The vine has abundant foliage and is thickly covered with sprays of small white, fragrant flowers, followed by numerous prickly seed pods.
Sow late in fall. Usually the plants are produced from year to year by self sown seed. Hardy annual Pkt. 5c; oz., 25c; ¼ lb. 75c; postpaid.

S. N & S. Co's. Peerless Poultry Feed

Our poultry feeds show the highest percentage of protein because they contain only good clean materials mixed in the proper proportions to make balanced rations for your birds at any age. They will help your baby chicks grow rapidly, develop strong constitutions and round out to splendid pullets and cockerels. For full grown stock you must supply feed which will not only nourish their bodies but also enable them to lay eggs. Corn alone makes fat but very few eggs.

PEERLESS SCRATCH FEED

Each item is included in the proper proportion to make up a well balanced ration. It is necessary that hens be made to exercise for at least a part of their food to keep them in good health and best laying trim. With this point in view our Scratch Feed is especially prepared, furnishing the largest variety of pure clean grains and seeds suitable for laying hens. It contains no shell or grit.

PLACER SCRATCH FEED

An excellent grain mixture, is very satisfactory and economical and when fed in combination with Blatchford's Egg Mash will produce excellent results.

SUNFLOWER SEED

An excellent food for fowls. They eat it greedily, fatten well on it and attain a bright, lustrous plumage and strong, healthy condition.

SWIFT'S SPECIAL MEAT SCRAP

These meat scraps are rich in materials which make bone, muscle and lean meat. They insure health, thrift and vigor and satisfy the natural cravings of the bird's system for flesh-food in some form.

CHARCOAL

As Charcoal aids digestion, purifies the crop and blood, and regulates the bowels, it is absolutely necessary that fowls, either old or young should be given some if you would keep your flock in a healthy condition. This charcoal is especially prepared for poultry. It does not contain any foreign matter or anything that will be harmful to the chickens or ducks in any way whatever.

GRIT

Poultry should be kept constantly supplied with some sharp material to grind their food. Grit is just as necessary to newly hatched chicks as to older poultry. Without it they cannot grind food. Made in two sizes, chick and hen size. We always send hen size unless otherwise ordered.

CRUSHED BONE

Poultry raisers should not neglect to use sufficient bone, it contains lime as well as animal matter. Bone when burnt is of little value, but when crushed or ground raw supplies the component parts of an egg—white, yolk and shell. It should be kept in a convenient place in the apartment of laying hens. They will consume large quantities of it and it aids wonderfully in egg production.

GENUINE CRUSHED OYSTER SHELL

The most frequent cause of hens not laying is the absence in the food of carbonate of lime. As crushed oyster shells contain pure carbonate of lime, it supplies, when fed to poultry, the most essential element, and greatly aids in the foundation of the egg.

(Price subject to change)

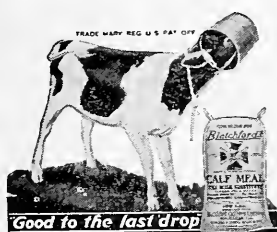
	100 lbs.	lb.
Bran and Shorts	\$1.55	\$
Dairy Ration (contains a combination of suitable grains for big milk production)	1.90	
Ground Rye	1.75	
Corn Meal	2.45	
Cracked Corn	2.35	
Whole Corn	2.25	
Wheat Meal	2.40	
Whole Wheat	\$2.00 to	2.20
Hulled Oats	2.25	
Ground Oats	1.90	
Whole Oats	1.75	
Ground Flax Meal	3.50	
Kaffir Corn	3.10	
Sunflower	9.00	.10
Swift's Regular Meat Scraps	5.50	.06
Swift's Fine Meat Scraps	5.50	.06
Scratch Feed "Peerless" for Hens	2.65	
Scratch Feed "Placer" for Hens	2.45	
Growing Ration for Young Birds	3.00	
Scratch Feed for little chickens	3.35	
Oyster Shell	1.75	
Ground Bone	4.50	
Charcoal	5.50	
Grit, Chick or Hen Size	\$1.25	.34

(See Page 18)

KNOWN THE WORLD OVER

Blatchford's* Products**Blatchford's*
CALF MEAL****First on the Market—First in
Quality—First in Results**

Blatchford's Calf Meal is the *original* milk-substitute. It was the



first on the market. For over one-third of a century it has been successfully used in raising calves by the most progressive farmers and dairymen in this country. It is the *only* calf meal backed by so remarkable a record.

Blatchford's Calf Meal raises calves from babyhood. It is extremely palatable. It is easy to feed. It saves both milk and money. It will *pay* you to use it.

Sold in 100-, 50- and 25-pound bags.
Satisfaction guaranteed with every bag.

Blatchford's* PIG MEAL*Carries Pigs Safely Through
the Critical Weaning Period**

This smooth, soluble meal is in composition as near like the sow's milk as it is possible to get it. It contains just the right percentage of vegetable protein, fat, etc., in correctly diversified form to grow bone and muscle. Little pigs *relish* it and *thrive* upon it. It "makes the runts catch up."

Sold in 100-, and 25-pound bags. Satisfaction guaranteed.

Blatchford's* LAMB MEAL*Weans Lambs Quickly—Makes Sturdy Youngsters**

This nourishing milk-equal weans lambs properly and produces rapid growth. It is easily assimilated by the tender stomach of the young lamb. It contains all the elements found in natural milk, including oil, sugar and albuminous compounds in correct proportions and in the most digestible form for lambs.

Sold in 100-, and 25-pound bags. Guaranteed satisfactory.

THE outstanding reason for the great popularity of the Blatchford line of milk-substitutes for calves, pigs, lambs, colts, rabbits and poultry, is that each of them gives bigger profits, better and quicker results to farmers, dairymen and poultrymen than they can secure from *anything* else. Always insist on *Blatchford's*—the name is a *guarantee* of satisfaction

***Blatchford's*
MILK MASH****Should be Every Chick's
First Feed**

Blatchford's Milk Mash is the favored starting and growing feed of the most prominent poultry-raisers in the country. It contains all the feeds and nutriment chicks need *right from the start*. It shields them from white diarrhea, bowel trouble and leg weakness.

Blatchford's Milk Mash contains no screenings, hulls or cheap by-products from the manufacture of breakfast foods, cereal foods or scratch grains. It carries the chicks *all the way*—starts, grows and matures—*without change of feed*.

This is the safest, the most economical and the best starting and growing feed on the market. Use it. Sold in 100- and 25-pound bags
Satisfaction guaranteed.



2 1/4 lbs. at 8 weeks!
Trade-mark
Reg. U. S. Pat. Off.



TRADE-MARK

***Blatchford's*
"Fill-the-Basket"
EGG MASH****The Standard of Perfection
in Egg Mash**

Blatchford's "Fill-the-Basket" Egg Mash is built upon the principle that eggs are *manufactured* from the feed the hen receives. The hen is an egg-making factory. Her feed is the raw material from which she makes her eggs. Consequently, her feed must be rich in materials required for egg-production. Scratch grains alone are not sufficient. They will maintain the hen's life, but *surplus* nourishment is absolutely necessary if she is to yield her maximum of eggs.

Sold in 100- and 25-pound bags. Every bag guaranteed to give satisfaction.

Blatchford's* RABBIT MEAL*Solves the Rabbit-Feeding Problem**

This inexpensive milk-substitute feed contains all the nutritive elements the rabbit requires for proper development and growth. It will put your rabbits in condition and *keep* them so.

Sold in 100- and 25-pound bags. Contains no drugs or tonics.

ALL BLATCHFORD PRODUCTS ARE GUARANTEED

	25 lbs.	100 lbs.
Blatchford's Calf Meal	\$1.50	\$5.70
Blatchford's Pig Meal	1.40	5.00
Blatchford's Egg Mash	1.35	4.75

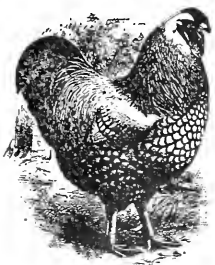
	25 lbs.	100 lbs.
Blatchford's Chick Mash, 10 lb. sack 75c.....	\$1.50	\$5.55
Blatchford's Lamb Meal	1.50	5.70
Blatchford's Rabbit Meal, 5 lb. pkt., 60c.....	1.50	5.70

PRICES SUBJECT TO CHANGE—NOTICE:—IF WANTED BY MAIL ADD POSTAGE.

ASK FOR BOOKLET AND LEARN HOW OTHERS MAKE BIG PROFITS BY USING BLATCHFORD'S PRODUCTS.

FEEDS FOR DAIRY AND POULTRY—SEE PAGE 14.

We are headquarters for Queen Incubators, Indoor and Outdoor Brooders, also Queen Colony Brooder. See General Catalog for full information.



Poultry and Animal Regulators Remedies and Supplies



WE CARRY A COMPLETE LINE OF POULTRY REMEDIES, ETC., WHICH ARE ABSOLUTELY THE BEST THAT EXPERIENCE CAN SUGGEST OR MONEY CAN BUY. IT WILL PAY YOU TO BUY THEM.

PRATT'S POULTRY REGULATOR AND EGG PRODUCER

Contains all the necessary elements in accurate and scientific proportions that hens need for egg making. It builds up vitality and stimulates egg production. Poultry Regulator is used by the most successful poultry raisers everywhere. Perfectly pure and free from harmful substance. Price 26 oz. 30c; 4 lbs. 65c; 12 lb. sack, \$1.50; 25 lb. sack, \$3.00.

NOTICE If wanted by mail add postage.



PRATT'S ROUP REMEDY

This wonderful remedy is used in every civilized country in the world. The reason is it cures. For fowls that sneeze, gasp and wheeze, also having a watery discharge from the nostrils and eyes. It prevents colds and is excellent for turkeys. Pratt's Roup Remedy will save your fowls and make them profitable. Price, 25c, large size 50c, postpaid.



PRATT'S LICE KILLER POWDER

One of the most perfect lice killers especially valuable for use on young chicks and setting hens. It rids horses, cattle, hogs, dogs and cats of lice, also ticks on sheep. It is thoroughly effective as a destroyer of vermin and absolutely harmless to the chick.

Price, 1 lb., 30c, postpaid, 35c; 2½ lbs., 60c; postpaid, 70c.

PRATT'S HEAD LICE OINTMENT

Thousands of little chicks are killed each year by head lice. Pratt's Head Lice Ointment is a carefully prepared non-poisonous article and is instant death to the murderous lice, while it is absolutely harmless to the little chick. Price, box 35c, postpaid.



SPECIAL REMEDY FOR CHOLERA

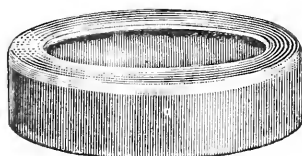
Cholera creates a continuous and violent desire for water. For the treatment of cholera, indigestion, bowel trouble, and all kindred troubles in chicks or grown fowls this remedy is excellent. As cholera is very contagious, Cholera Remedy should be kept on hand by every one who raises little chicks.

HEALING OINTMENT

Injuries of any kind are healed naturally and permanently, and pain quickly relieved by applying Pratt's Healing Ointment. Sores, cuts, scratches, wounds, burns, barbwire cuts, as well as skin eruptions, eczema and itching are quickly cured. Corns, harness and saddle galls disappear in short order. You should have this ointment handy at all times. Price, box, 35c postpaid.

PRATT'S CONDITION TABLETS

An easy and effective remedy for "run-down" birds. Keeps show birds in condition and prevents colds, roup and liver trouble. Price, 25c, postpaid.



RABBIT FEEDER

Are made of fire clay, highly glazed, therefore easily cleaned, and can be kept absolutely sanitary at all times. 7 inches indiameter, heavy and cannot be tipped over. also used as a cat and dog dish. Price 40c; postpaid 55c.

GERMOZONE

A tonic; a bowel regulator; a system builder. The best preventive and cure for Roup, Cholera, Bowel Complaint and most other poultry diseases. In more general use today than any other poultry medicine ever manufactured. Given twice a week in the drinking water to all fowls. It keeps them in prime condition. No poultryman should ever be without Germozone. Put up in tablets. Price, 25c; large size 75c, postpaid.

SCALY LEG

This disease is caused by a parasite working underneath the scales of the feet and legs, often making it difficult for the bird to walk. Scaly leg is contagious, and while not fatal, is injurious to the bird and its sale value as well as its usefulness. It is simple to apply and is guaranteed to cure. It is also excellent as a dressing for the feet and legs of show birds, increasing their "point" value and putting them in the very best possible condition as prize winners. Price, 35c, postpaid.



PRATT'S ANIMAL REGULATOR

It keeps horses well and strong, improves their wind and makes their coat sleek and glossy. Cows give better milk and their calves are strong and healthy and steers fatten in half the time.

Price, 50c and \$1.25 packages.

12 lb. pails, \$2.50.

NOTICE—If wanted by mail add postage.

PRATT'S COW REMEDY

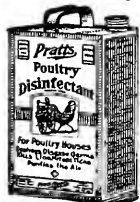
Cow tonic increases the milk supply and makes it rich in butter fat. Cow tonic enables the cow to turn more of the feed into milk and keep up the full flow for a much longer period. It is a positive remedy for scours.

Price, 2 lbs. 65c; 12 lb. pail, \$3.00.

NOTICE—If wanted by mail add postage.

PRATT'S WORM POWDER

Is a special preparation for the destruction of all kinds of worms in horses, cows, hogs and sheep. It is purely vegetable and is unquestionably the quickest, surest and most thorough worm destroyer procurable. Price, pkg., 50c, postpaid.



PRATT'S POULTRY DISINFECTANT

This disinfectant is a real wonder worker, a quick, effective germicide, insecticide and deodorant. It is unsurpassed for effectiveness in stables, barns, poultry houses and yards and for use on dogs, cats and pets generally. Its pleasing clean odor makes it admirable for household use. Considered the best disinfectant on the market today.

Price, quart, 70c; ½ gal., \$1.25; gal., \$2.00.

LIQUIDS CANNOT BE SENT PARCEL POST.

FREE BOOKS

Blatchford's Calf Meal
Blatchford's Pig Meal
Blatchford's Egg Mash

Blatchford's Chick Mash
Blatchford's Lamb Meal
Blatchford's Rabbit Meal

Conkey's POULTRY REMEDIES

Conkey's Roup Remedy, For sneezers, 25c, 50c and \$1.00, postpaid.
 Conkey's Roup Pills. For Roup, Colds, Catarrh, etc. 30c postpaid.
 Conkey's Cholera Remedy. 25c and 50c postpaid.
 Conkey's Limber Neck Remedy. 50c, postpaid 55c.
 Conkey's Scaly Leg Remedy. 50c, postpaid.
 Conkey's White Diarrhoea Remedy. 50c, postpaid.
 Conkey's Lice Fix (Ointment). Easy to apply. Sure in results.
 25c and 50c, postpaid.
 Conkey's Blackhead Remedy. 50c, postpaid.
 Sulphur Fumigating Candles. 10c each. By mail 15c.

FLY CHASER

(New Improved)

Why let your animals suffer needless torment from flies all summer long? Your cows waste time when standing in the pond or rushing through the underbrush trying to escape the constant torture of flies, mosquitoes and other winged pests. Your horses will do more work when relieved from fighting flies and save your time and trouble. Fly chaser does not injure hair or animal when used as directed. Fly Chaser should be used in every stable and every barn. Price, ½ gal., \$1.10; 1 gal., \$1.85.

Liquids Cannot Be Sent Parcel Post.



CARBOLA

The Disinfecting White Paint

Disinfects and Paints at the Same Time—Saving Labor and Money

A white paint and disinfectant in dry powder form. Use instead of whitewash. Put on with a brush or sprayer. A snow white cold water paint that will not blister, flake or peel off, combined with a germicide 20 times stronger than carbolic acid but neither caustic nor poisonous. Particularly good for use in stables, cow barns, chicken coops, dairies, hog pens, creameries, cellars, factories and outbuildings. Carbola can be applied to wood, brick, stone, cement, plaster, board, tar paper, &c, or over whitewash or old oil paint that is hard and firm, but not glossy. The mineral pigment used has a greater fire resistance than asbestos. It is apparent that several coatings of Carbola will act as an efficient fire retardant.

A gallon (a pound of powder) covers 200 square feet. For use out of doors add a pound of cheap glue dissolved in hot water for every 10 pounds of Carbola. Carbola is used and endorsed by thousands of poultrymen, dairymen and breeders, and by many agricultural colleges and experiment stations. Give Carbola a trial—you never will regret it.

	Trial Pkg.	Postpaid		Postpaid
10 lbs. (10 gals)	\$.35	\$.45	20 lbs. (20 gals)	\$3.00
200 lb. sacks	1.50	1.75	50 lbs. (50 gals)	6.25
				\$22.00

FLYOSAN

SAFE INSECTICIDE

Kills Flies by the Roomful—Mosquitoes, too.

THE STRANGEST WAY TO KILL FLIES YOU EVER SAW! Just spray Flyosan into the air of a closed room; in five minutes all flies are dead—mosquitoes, too.

Flyosan also kills moths in closets, roaches, round the sink, bedbugs, ants in the pantry, hornets in the attic.

Flyosan has a pleasant, aromatic odor. No stain. No unsightly muss to clean up. Absolutely non-poisonous.

Pint, 75c; Quart, \$1.25.



Roach and Ant Powder

"KILLS THEM QUICK"

A most effective and quick acting preparation, which will destroy Roaches and ants. Full directions on each package, guaranteed to kill Roaches and Ants.

Pkg., 25c; postpaid 30c

IMPROVED CHAMPION LEG BANDS

THE WORLD'S BEST



The oldest and best popular band on the market. This band is made in one piece and is adjustable to fit any fowl. They will stay where you put them. Held by double lock, it is impossible for them to lose off. Made of Aluminum. Price numbered only.

Postpaid

1-12	15c
1-25	30c
1-50	45c
1-100	80c

Special numbers to suit, 25c per 100 extra.

VICTOR LEG BAND

Made of aluminum, adjustable, with large black numbers on blue background. A band that is easily attached, and when once on will stay on until removed.

Price, 1-12, 60c; 1-25, \$1.20; 1-50, \$2.20; 1-100, \$4.00, postpaid.



SPIRAL COLORED CELLULOID LEG BANDS

Know Your Hens on Sight.

For large and small birds, chicks and pigeons. Mark each bird for its pen. Give each pen a different color. Mark old birds and pullets differently.

Spiral Leg Bands have extra-long lap, making them strong and securing them from coming off. In six colors—red, green, black, white, yellow, dark blue.

SIZES	
No. 5 Pigeons.	(American)
No. 6 Baby Chicks.	No. 11 { Ply. Rocks, Orpingtons. R. I. Red, Wyandottes. Minorcas, Houdans. Runner Ducks, W. Rocks
No. 7 Bantams.	
No. 8 { Leghorns, Anconas. Campines, Buttercup. Polish.	(Asiatic)
No. 14 Turkeys, Geese.	No. 12 { Brahmas, Cochins. Cornish, Langshan. Pekin Ducks.

Nos. 7, 8, 11, 12, 14, Postpaid.	Nos. 5 and 6	Postpaid.
12 Bands .....\$ .15	12 Bands .....\$ .15	
25 Bands ..... .30	25 Bands ..... .25	
50 Bands ..... .50	50 Bands ..... .40	
100 Bands ..... .85	100 Bands ..... .75	
500 Bands 3.60	500 Bands 3.00	

Be sure to order by Number or specify your breed and color wanted. **NOTICE**—Put up in lots of 12; 25; 50 and 100, only.

BIRD SEED

S. N. & S. Co.'s BIRD SEED MIXTURE—Has become famous for its superior quality. We use nothing but the freshest high-grade seed free from mustiness and dust. These seeds are particularly relished by canary birds, etc. Put up in 1 pound lithographed cartons.

BIRD SEED MIXED—(S. N. & S. Co.'s)—lb. postpaid, 25c. By express or freight, 1 lb. 20c; 10 lbs. \$1.50.

BIRD SEED MIXED—By express or freight, 1 lb., 20c; 10 lbs. \$1.50

CANARY—Best Sicily, 1 lb., 15c; postpaid20c

TEMP—Best grade, 1 lb., 15c; postpaid20c

BIRD RAPE—For birds, 1 lb., 20c; postpaid25c

MILLET—Fancy, 1 lb., 10c; postpaid15c

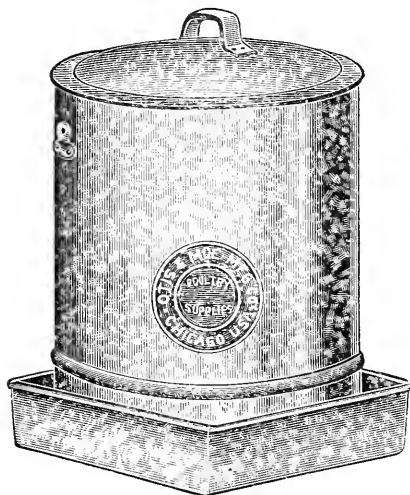
LETTUCE SEED—For birds, 1 lb. 15c; postpaid20c

BIRD GRAVEL—1 lb., 10c; postpaid15c

CUTTLE FISH BONE—Large piece, 5c; ¼ lb., 25c; 1 lb., 30c; P P

SUNBEAM—Mother of Pear! Chips—for aquariums and bulb bowls, per box 25c; postpaid, 30c.

IMPROVED TOP FILL FOUNTAIN



Made of heavy galvanized iron, with double walls, which keeps the water cool in summer, and retards freezing in winter. Feeds automatically, no valves to get out of order. Fills from the top, thus avoiding the annoyance of spilling over while being filled. Thoroughly sanitary and as easily cleaned as an ordinary pail.

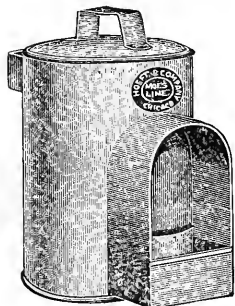
Can be hung up out of the litter, and the square pan gives drinking facilities for two pens at the same time.

Fill the fountain in the morning and the chickens have an all day's supply of pure water at just the right temperature.

The best and most popular fountain on the market.

No.			
1—	1 Gal size	\$1.85	Postpaid \$1.95
2—	2 Gal size	\$2.65	Postpaid \$2.80
4—	4 Gal size	\$3.50	Postpaid \$3.75

IMPROVED WALL FOUNTAIN



Made of heavy galvanized iron, in three sizes. The covered outlet keeps out dust and dirt, and the outlet is further protected by a removable plate which prevents any floating rubbish from being drawn into the reservoir.

No.			
97—	1/2 Gal size	\$.95	Postpaid \$1.10
98—	1 Gal size	\$1.10	Postpaid \$1.20
99—	2 Gal size	\$1.50	Postpaid \$1.65

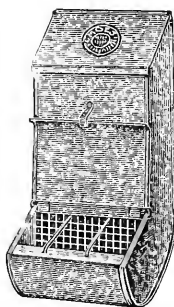
DRY MASH HOPPER

A Dry Mash Hopper of great merit, made of heavy galvanized iron. The curved bottom keeps the feed within easy reach of the birds, and the taper shape of the hopper—larger at the bottom—prevents the feed from clogging.

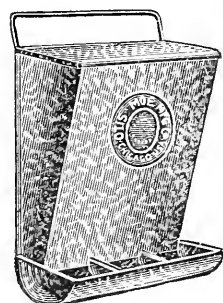
The wire grid and the wires running from the flange through the wire grid prevent the fowls from throwing out or wasting the feed. The sloping top prevents them from roosting on the hopper.

When both covers are closed it is rat, mouse and weather proof.

No.			
36—	12 inches wide	\$2.20	Postpaid \$2.35
13—	18 inches wide	\$2.50	Postpaid \$2.75
37—	24 inches wide	\$3.10	Postpaid \$3.35



GRIT AND SHELL BOX



The feeding of grit, ground shells, and charcoal is now recognized as an essential part of the diet, to keep fowls in healthy, prime condition. There is no more economical method of supplying grit, etc., than with these practical, inexpensive compartment boxes. No solder used in their construction.

Can also be used as feed hoppers for little chicks.

This self-feeding box can be set on the floor or hung on the walls as desired. The birds can help themselves at all times and the supply is kept clean.

Made of heavy galvanized iron in two sizes.

No.			
9—	3 compartment	\$1.00	Postpaid \$1.10
90—	4 compartment	\$1.35	Postpaid \$1.50

BOTTOM FILL FOUNTAIN



This fountain fills the breeders requirements for a good inexpensive article. Made in two pieces accurately stamped and formed. Easily filled and cleaned. The round taper shape prevents bursting from freezing. Made of best quality galvanized iron in three popular sizes.

No.			
19—	1 qt.	\$.40	Postpaid \$.50
20—	1/2 gal	\$.50	Postpaid \$.60
24—	1 gal	\$.65	Postpaid \$.75

THE LITTLE PUTNAM STOVE



Keep the drinking water in the poultry house from freezing.

Burns a month without filling or trimming.

The Little Putnam Stove is nine inches in diameter and four inches high; made of galvanized iron and equipped with a burner which embodies an entirely new principle in oil combustion. Combustion is complete and perfect, doubling the heat value of the oil. The oil tank holds three pints of oil and burns three to four weeks without refilling or any other attention.

The cost of running the stove the entire winter is but from 20 to 30 cents. The expense for oil to run other heaters runs from 75 cents to \$2.00 per season.

The Little Putnam Stove does not furnish hot water to the fowls, but water at that tonic temperature which is best relished by them, and which increases the amount of food digested and assimilated, thus promoting growth and increasing the egg supply.

It is absolutely essential that a constant supply of unfrozen water be accessible to the fowls at all times if they are to be kept at the top notch of health and productiveness.

This stove is absolutely fire-proof and non-explosive. If it is tipped over it will go out. If it becomes buried in the litter it will go out.

This stove really costs the poultryman nothing because the increased production of eggs during the first month's use will pay for the stove.

Price, \$2.50; postpaid. 3 for \$7.00 postpaid \$7.25.

Price of parts for Putnam Stove; wick holder 10c each; wicks 20c dozen.

CHINA NEST EGGS



Made of white porcelain, natural in appearance and uniform in size. They induce the hen to lay where she should. With these there is no danger of getting stale eggs mixed with the fresh ones, or the hens acquiring the habit of egg eating. They are extra heavy and will not easily break. 6 for 25c; postpaid 30c; 12 for 45c; postpaid 55c.

LIME NEST EGGS

Strong—Durable—Cheap

The lime nest egg is made from pure sterilized sulphate of lime which has been used by poultry raisers for many years to aid in keeping the nests in a clean and healthy condition. This egg has a neat and smooth appearance and in color, size and shape it is almost an exact duplicate of a real chicken egg, will not break. 6 for 30c; postpaid 35c; 12 for 50c; postpaid 60c.



FREE BOOKS

BABY CHICKS—How to feed and care for them.
PRACTICAL POINTERS—on the care of live stock and poultry.
CHASE THE FLIES—Pratt's Disinfectant.

NURSERYMEN—SEEDSMEN—FLORISTS
HELENA, MONTANA

ORDER NUMBER

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Do Not Write in These Spaces

SHIP BY—^{MARK X AFTER METHOD}
OF SHIPMENT DESIRED—Parcel Post ☐ Express ☐ Freight ☐

To (Name) _____
(WRITE VERY PLAIN) Ladies Please Write Miss or Mrs.

Street & No. P. O. Box.....

Post Office R. F. D. Box

County _____ State _____

Is there an agent at this station? Yes or No.....

Freight or
Express Station If no agent—Send sufficient money to prepay charges.

If Out of Variety Ordered, Have We Your Permission to Substitute Equal or Better in Nearest We Can Supply?.....

In case price has declined or advanced, shall we fill order for amount allowed?.....

STATE NURSERY & SEED CO. do not give, and their agents and employees are forbidden to give, any warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, plants, etc., they send out, and will not be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned and money paid for them will be promptly refunded.

[illegible]

WE GUARANTEE SAFE DELIVERY OF SEEDS BY PARCEL POST IF INSURED. IF THIS IS DESIRED ADD FEE TO REMITTANCE. IF IN NEED OF MORE ORDER SHEETS AND SELF ADDRESSED ENVELOPES ASK FOR THEM, THEY WILL BE MAILED FREE.

NOTICE: KINDLY SEND THE NAMES OF YOUR ACQUAINTANCES WHO USE SEEDS AND NURSERY STOCK.

[illegible]

PARCEL POST RATES		FIRST	EACH
within the United States.		POUND OR	ADDITIONAL
Rate to Canada: 12c per lb. or fraction thereof.		FRACTION	POUND OR FRACTION
First Zone within 50 miles of Helena.....	5c	1c	
Second Zone within 50 to 150 miles.....	5c	1c	
Third Zone within 150 to 300 miles.....	6c	2c	
Fourth Zone within 300 to 600 miles.....	7c	4c	
Fifth Zone within 600 to 1000 miles.....	8c	6c	
Sixth Zone within 1000 to 1400 miles.....	9c	8c	
Seventh Zone within 1400 to 1800 miles.....	11c	10c	
Eighth Zone all over 1800 miles.....	12c	12c	

**WE GUARANTEE SAFE DELIVERY OF SEEDS BY
PARCEL POST IF INSURED.**

IF THIS IS DESIRED ADD FEE TO REMITTANCE.

SPECIAL NOTICE—If you will kindly send us the names of your flower loving friends—and those of farmers or ranchers of your acquaintance—with your order, we will be glad to place them on our mailing lists.

PLEASE DO NOT USE SPACE BELOW

FILLED BY	CHECKED BY	PACKED BY	NO. BOXES	NO. SACKS	NO. PKGS.	DATE	POSTAGE FR EXP. ADV.
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FROM

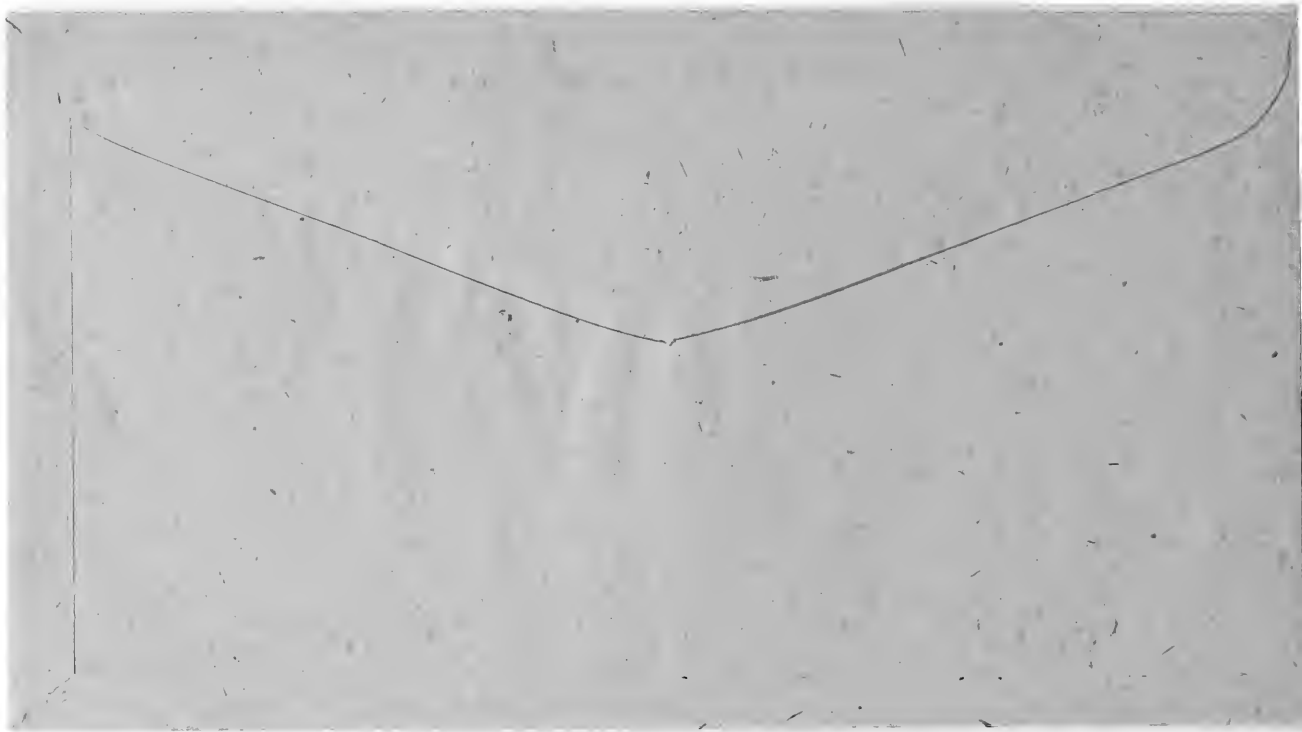
STATE NURSERY & SEED CO.

(The Big Seed House of Montana)

TREES,
FLOWERS,
PLANTS,
SEEDS,
BULBS,
ETC.

HELENA,

MONTANA





1st Pullet—State Fair, 1922

ANNUAL FALL SALE

STANDARD BRED POULTRY

Real bargains in one and two years old surplus breeding cocks and hens from splendid matings. March hatched pedigree cockerels and pullets to win at your county fair.

Scott's "Utility-Beauty-Strain" White Leghorns

The most consistent winning and laying trap-nested strain at Montana's best shows for twelve consecutive years

COCKS—Utility birds with no standard disqualifications, \$3.00 each. Pedigreed birds from hens with records over 200 eggs in 12 months; good standard quality, \$5.00 to \$25.00 each.

HENS—Trap nest selected utility breeding hens, \$2.00 each. Pedigreed hens with records 175 to 200 eggs, \$3.00. Outstanding individuals for foundation breeders, records over 200 eggs, \$5.00 to \$15.00.

COCKERELS—March hatched cockerels from trap nested matings, \$2.00 each. Select pedigree cockerels of good standard quality from 200-egg hens, \$5.00 to \$25.00 each.

PULLETS—A few March hatched pullets from trap nested stock; good enough to win at county fairs, \$3.00 to \$10.00 each. April pullets, same stock, \$2.00 each. A limited number of May and June pullets, splendid quality, \$1.50 each.

We are offering a few bargains in the following breeds and varieties: Barred, White and Buff Rocks, White and Buff Orpingtons, White Langshans, Rhode Island Reds, Silver Wyandottes, Bronze Turkeys, Toulouse and Emden Geese; Pekin, White Indian Runner and Mallard Ducks; White King and Red Cornaux Pigeons; New Zealand Red and New Zealand White Rabbits. If we haven't the breed you want we will help you get it. Remember, we ship all stock on approval. If not satisfactory in every way, feed, water and return, express prepaid, and we will refund your money in full.

Plant Foods and Fertilizers



EXCELSIOR PLANT FOOD—The original odorless house plant food. Producing vigorous healthy growth. Endorsed by the leading horticulturists, private and market gardeners, and park superintendents.
5 oz., pkg. 25c; postpaid, 30c.
12 oz., pkg. 40c; postpaid, 50c.

BONE MEAL

A well known fertilizer, for all purposes, safe and effective, 1 lb. 10c; postpaid 15c; 10 lbs., 65c; postpaid 85c; by express or freight, 100 lbs., \$5.00.

"PERLESS BRAND"

SHEEP MANURE---Pulverized

The Best Fertilizer for the Lawn and Garden.

As a spring or fall top-dressing for lawns, it is the best that can be procured. No offensive odor, and no unsightly chunks to rake off. The first shower or watering carries the soluble particles down to the roots, and rapidly produces a most luxuriant growth. SHEEP MANURE is the very best for securing rapid growth and adds humus to light soils.

Can also be used as liquid manure, in water. For general use apply 50 lbs. to every 100 square feet. 600 to 800 lbs. per acre for lawns. For general field and garden use—1 Ton per acre.

500 lb. lots per 100 lbs.....\$2.00	25 lb. sack	\$.90
100 lb. sack	10 lb. bag	\$.50
50 lb. sack	5 lb. bag	\$.30

Price F. O. B. Helena, by express or freight.

NOTICE—If wanted by mail add postage.

For larger quantities write for special prices.

STIM-U-PLANT

PLANT STIMULANT TABLET

Trade Mark Registered U. S. Patent Office

The most modern, efficient and scientific method of fertilizing growing plants.

As every kind of plant grows in the garden, orchard, and farm, feed it along with Stim-U-plant tablets. These tablets contain highly concentrated, immediately available forms of plant food for use in stimulating fruit, flower, vegetable, and ornamental plants, and may be used in liquid or tablet form.

They increase production, hasten maturity, improve quality and better the color of the plants and products. Their use is highly profitable, for all these benefits cost only a fraction of a cent for each application.

Once in the soil they immediately dissolve and mingle with the soil-water, pass into the root hairs and roots to begin feeding the plants. No matter how fertile the soil may be, Stim-U-plant is effective in feeding the crops because of its rich, available food content. Full direction on every package.

Small size, 30 tablets	\$.25; Postpaid \$.28
Medium size, 100 tablets .....	.75; Postpaid .80
Large size, 1,000 tablets	3.50; Postpaid 3.60

NITRATE OF SODA

Stimulates the Production of Plants.

A fertilizer for all crops, quick in action and hastens the maturity of crops fully two weeks. Being quickly soluble, it should not be applied until the plants are above the ground, when 200 to 300 lbs. per acre is sufficient. Usually in combination with other chemical fertilizers. Nitrate of Soda is the best form in which nitrogen can be restored to the soil. It is of special value for crops such as Peas, Corn, Beets, Cabbage, etc. and of great benefit to hay and forage crops. Do not allow solution to touch foliage.

Nitrate of Soda is a great stimulant for the production of Sugar Beets, Potatoes, and Sorghum, also small Fruits. Nitrate of Soda does not exhaust the soil. Dissolve 1 oz. to 3 gal. or 1 lb. to 50 gallons. 2 lbs. 25c; postpaid 35c; 5 lbs. 60c; postpaid 75c; 10 lbs. \$1.10; postpaid, \$1.35.

SPRAYERS

THE PERFECTION SPRAYER The World's Standard



The perfection sprayer has a tank made like a steam roller. The all riveted seams give the necessary strength for developing a high pressure which is absolutely essential for good results. The tank is 7½ inches in diameter, 20 inches long, capacity 4 gallons, weight 10 lbs. The hose is 5 ply, nozzle is of the automatic type. This sprayer will handle whitewash, paints, bordeaux mixture, paris green, etc., with equal facility. For very heavy liquids use the extra nozzle cap which is furnished with the sprayer. The perfection has the distinction of combined simplicity, convenience, strength and service. Furnished in galvanized steel.

Price \$7.50; postpaid\$7.75

We keep on hand all extra parts:

Perfection nozzle \$2.00; postpaid, \$2.10. outside disk, 10c. Inside disk, 10c. washer 6c; nozzle cap, 50c; ball, 25c; shoulder strap with snaps, 35c; valve spring, 15c; gaskets 15c; hose with nozzle and clamps attached \$2.50, postpaid \$2.60.

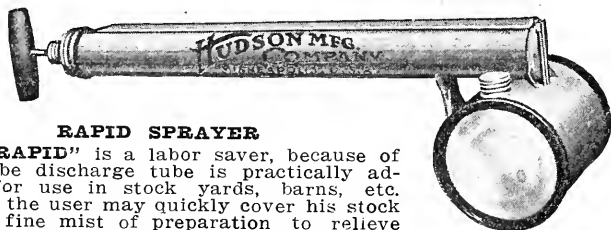
THE "SUCCESS" SPRAY PUMP—This pump has brass air chamber in the stock and is furnished with Bordeaux Nozzle which throws a continuous stream of fine or coarse spray. Price, as illustrated, with 3 ft. hose, \$7.25; postpaid\$7.50

THE "PERFECT SUCCESS"—Same as above with special foot rest, clamps bucket and pump together, so outfit may be carried in one hand. Price, \$8.00; postpaid\$8.25

We can furnish extra 7-foot section of hose for Success or Perfect pumps with couplings and pole holder, \$2.00; postpaid\$2.15

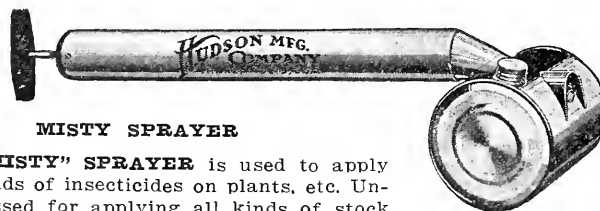


Success



RAPID SPRAYER

"THE RAPID" is a labor saver, because of its double discharge tube is practically adapted for use in stock yards, barns, etc. With it the user may quickly cover his stock with a fine mist of preparation to relieve them of the irritation of flies, mosquitoes and other insects. Sprays straight up as well as down, a valuable feature in spraying poultry houses, etc. It speaks for itself, and needs no further description; is made with galvanized tank and holds 1 quart. Price, each, 90c; postpaid\$1.00



MISTY SPRAYER

THE "MISTY" SPRAYER is used to apply all kinds of insecticides on plants, etc. Unsurpassed for applying all kinds of stock dips and fly killer on cattle and horses, also for disinfecting poultry houses, barns, etc. Made of good tin and holds 1 quart, Price, each 65c; postpaid75c



PEERLESS RUBBER SPRINKLER—For spraying small plants. An ideal one for house use. When once used you will wonder how you got along without it. Will last a lifetime. Price, \$1.65; postpaid \$1.70.



JUNIOR SPRAYER

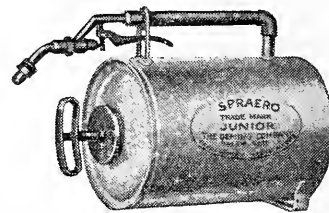
The Junior Sprayer is made for the man who needs a high pressure compressed air sprayer smaller than the Perfection. It is particularly adapted for the backyard garden or small truck farm, for use around the chicken house, in the dairy barn, hog pen, or for disinfectants in hotels, restaurants, theatres and other public buildings. It will do any work the larger models can, for it differs from them only in capacity. It is substantially made and will give entire satisfaction. Tank—6½ inches diameter 17 inches long; capacity about 2½ gallons. Made of first quality galvanized steel.

Price \$5.75; postpaid \$5.95.

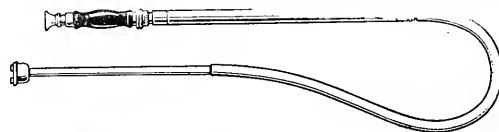
SPRAERO JR. SPRAYER

A well made compressed air sprayer, one of the handiest as spray can be applied where wanted by pointing nozzle in desired direction. Tank holds 2 gallons and made of galvanized iron, spring automatically shuts off nozzle when pressure on trigger is released.

Price, \$6.50; postpaid \$6.75.



THE STANDARD SPRAY PUMP A one-Man, One Hundred Purpose Pump.



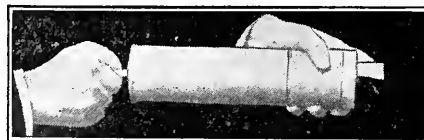
As supplied for spraying from bucket.



Using the Standard Pump with barrel and long hose.

Used with bucket, knapsack, tank or barrel for spraying orchards, gardens, vineyards, also whitewashing, disinfecting poultryhouses, killing vermin on stock, etc. It is made entirely of brass with two solid brass valves, no leather suckers or washers, no castings to rust, no leaking joints, no lost motion, nothing to get out of order. The accompanying illustration shows the standard Spray Pump attached to barrel with 30 feet of hose, enabling the operator to walk around without moving the barrel, covering the entire tree from the ground without the use of elevated platforms or ladder. Equipped with combination nozzles producing a fine mist—a wide spray 15 to 20 feet, or a solid stream 50 to 60 feet. Price \$6.00, postpaid \$6.25.

CORONA HAND DUSTER



This little Hand Duster is so constructed that it emits powder in clouds of the right consistency, at the same time works easily. The Corona Hand Duster is the most efficient Duster on the market

and no other dusting device in its class can approach it for efficiency, ease of manipulation, simplicity and durability. It is so simple in construction that it eliminates all trouble.

Price, \$1.15; postpaid\$1.25

POWDER BELLOWS



This bellows is designed for dusting plants with dry powder and can be held in any direction without wasting powder. Can dust under the leaves as well as on top and does not clog.

Price, 50c; postpaid55c

